

Серия «Образование через познание и творчество»

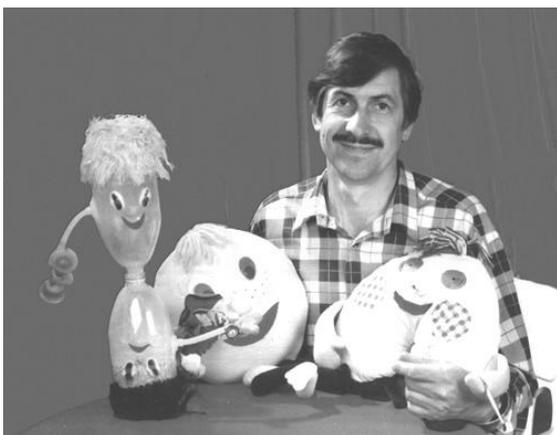
СЕРГЕЙ ЕФРЕМОВ



Учебное пособие по математике для детей 5-8 лет

(Из опыта работы)

Москва 2003



Сергей Владимирович Ефремов – сотрудник международной лаборатории «Образование для Новой Эры», разработчик авторских методик обучения детей чтению и счёту.

Опыт работы с разновозрастными детьми от 4 до 16 лет по направлению: «Образование через познание и творчество!».

Автор работ: «Понятийные загадки», «Фоновая азбука», «Буквенное конструирование», «Звуковые ребусы» и др.

Ефремов С.В.

Таблицы сложения Ефремова: Учебное пособие по математике для детей 5-8 лет (Из опыта работы) – М. 2003. – 25 с., ил.

Под редакцией кандидата педагогических наук Макаровой Т.Н.

Данное учебное пособие по математике – это НЕчисловые таблицы сложения в виде конструкторских загадок. С интересом и без зубрёжки по нему могут самостоятельно научиться складывать и вычитать дети 5 – 8 лет.

В книжке даны арифметические выражения из фигур для чисел от 1 до 20, решение которых развивает пространственное воображение.

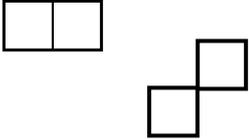
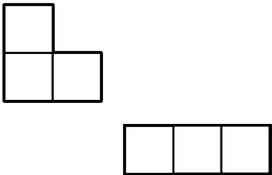
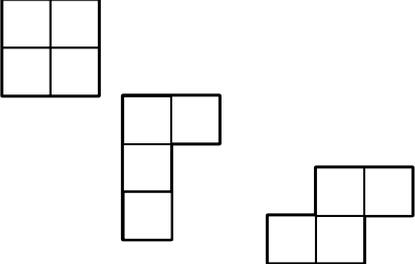
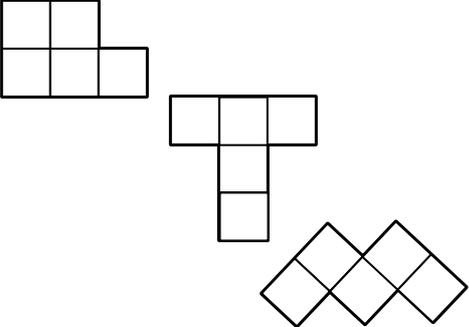
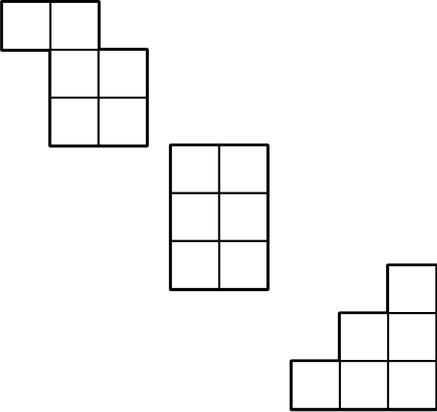
Пособием можно пользоваться на уроках математики, на занятиях в детском саду, а также индивидуально при трудностях с запоминанием состава числа и сложением через десяток.

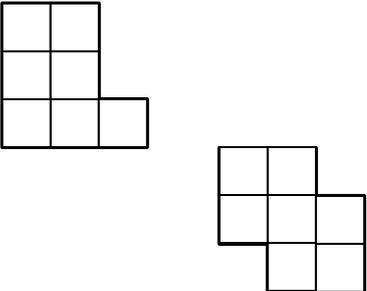
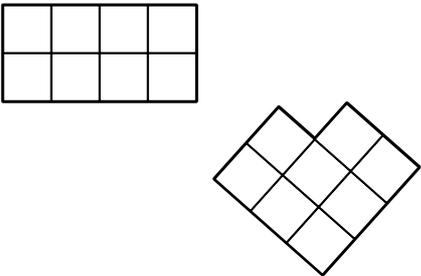
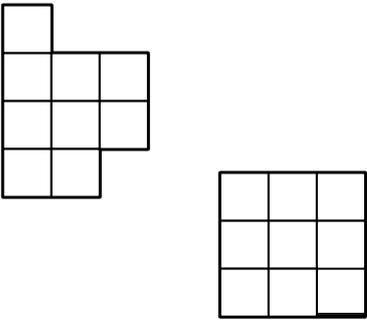
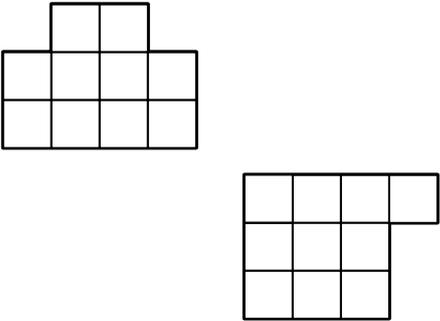
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ЧИСЛОВЫЕ ФИГУРЫ

Число	Фигуры слагаемых	Цветовое название
Один		«серая клеточка»
Два		«жёлтый кирпичик» «жёлтый бантик»
Три		«голубой уголок» «голубая полоска»
Четыре		«светло-зелёный квадрат» «светло-зелёная буква Г» «светло-зелёный зигзаг»
Пять		«оранжевая улитка» «оранжевая буква Т» «оранжевая буква М»
Шесть		«синяя буква Ё» «синий шкаф» «синие ступени»

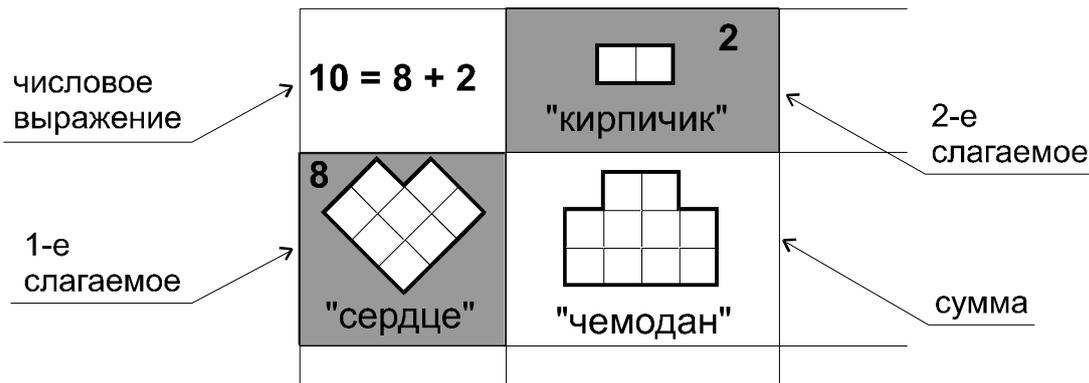
<p>Семь</p>		<p>«коричневый сапог»</p> <p>«коричневый фантик»</p>
<p>Восемь</p>		<p>«тёмно-зелёная коробка»</p> <p>«тёмно-зелёное сердце»</p>
<p>Девять</p>		<p>«фиолетовая собака»</p> <p>«фиолетовый кубик»</p>
<p>Десять</p>		<p>«красный чемодан»</p> <p>«красный улей»</p>

Закрасить фигуры-слагаемых карандашом соответствующего цвета.

СЛОЖЕНИЕ ФИГУРАМИ

1. Что дано?

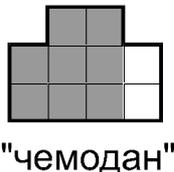
- Числовые выражения из двух слагаемых от 1 до 10. Они располагаются в левом верхнем поле таблиц.
 - Фигуры слагаемых. Они находятся в первом столбике и в первой строчке таблиц на сером фоне.
 - Фигуры суммы. Они находятся на пересечении столбиков и строчек слагаемых.
- Например:



2. Как решать пример на сложение?

Для того чтобы решить пример на сложение, надо в фигуре - суммы найти и выделить заданные слагаемые, которые находятся в этой же строчке и в этом же столбике.

Например, для суммы $10 = 8 + 2$ для вышепоказанных слагаемых, решение выглядит так:

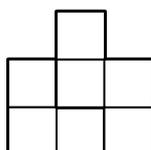


Выделение (закрашивание) можно делать прямо в таблице согласно цвету каждой фигуры слагаемого. Для числа «8» - это тёмно-зелёный цвет, а для числа «2» - жёлтый. Сначала закрашиваются слагаемые на сером поле в первой строчке и первом столбике, потом в фигуре – суммы. Если слагаемые одинаковые, то границу между ними провести фломастером или ручкой.

Если ответ не получается, то надо потренироваться на клетчатом листе, срисовав туда фигуру-сумму.

3. Что надо учесть?

- Фигуры-слагаемые могут быть повернуты, а также быть в зеркальном отображении.
 - Некоторые фигуры – суммы не имеют названия. Нужно придумать им название по их внешнему виду.
- Например, для слагаемых «уголок» и «зигзаг» числового выражения $7 = 3 + 4$ фигура суммы имеет вид:

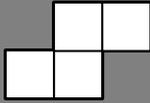
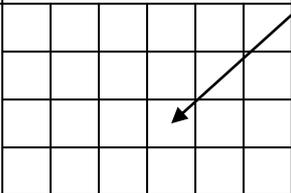


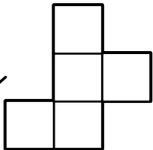
На что она похожа?

4. Как создавать новые фигуры – суммы?

В таблицах есть поля без фигур – суммы. Вместо них - сетка из клеточек. Надо составить и нарисовать свою фигуру – сумму по заданным в строчке и столбике фигур слагаемых.

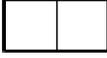
Например, для числового выражения $5 = 1 + 4$ для слагаемых «клеточка» и «зигзаг» имеем клетчатое поле:

$5 = 1 + 4$			 «зигзаг»
 «клеточка»			

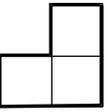
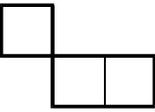
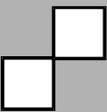
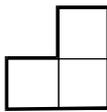
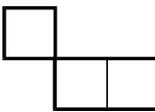
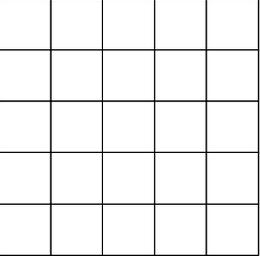

Новая фигура суммы.

Перед тем, как нарисовать новую фигуру в таблицу – потренируйтесь в её написании так, чтобы не было видно фигур слагаемых.

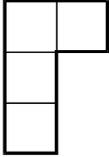
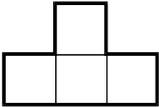
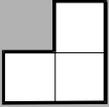
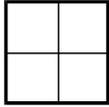
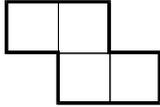
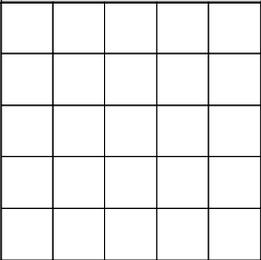
Два, 2.

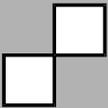
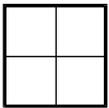
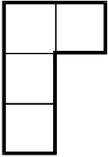
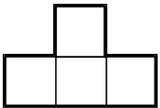
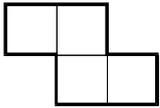
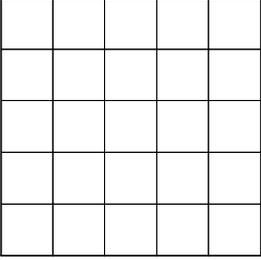
2 = 1 + 1	1  "клеточка"	1  "клеточка"
	1  "клеточка"	 "кирпичик"

Три, 3.

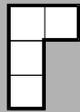
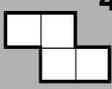
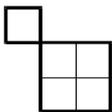
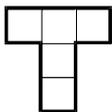
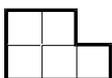
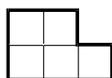
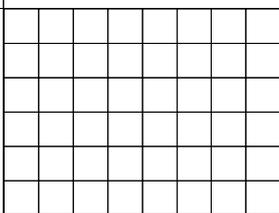
3 = 2 + 1	1  "клеточка"	1  "клеточка"	1  "клеточка"
	2  "кирпичик"	 "уголок"	 "хвостик"
2  "бантик"	 "уголок"	 "хвостик"	

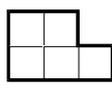
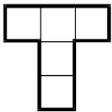
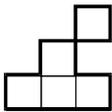
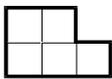
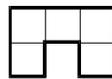
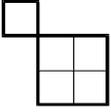
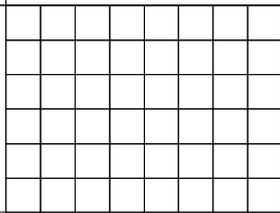
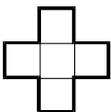
Четыре, 4.

	1	1	1
4 = 3 + 1	 "клеточка"	 "клеточка"	 "клеточка"
3 	 "дорожка"	 "буква Г"	
3 	 "квадрат"	 "зигзаг"	
"полоска"	"дорожка"	"буква Г"	
"уголок"	"квадрат"	"зигзаг"	

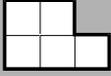
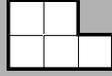
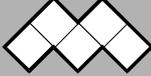
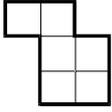
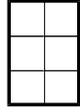
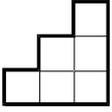
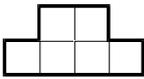
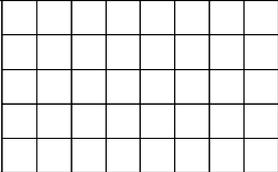
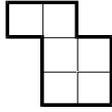
	2	2	2
4 = 2 + 2	 "кирпичик"	 "кирпичик"	 "бантик"
2 	 "квадрат"	 "буква Г"	
2 	 "зигзаг"	 "дорожка"	
"кирпичик"	"квадрат"	"буква Г"	
"кирпичик"	"зигзаг"	"дорожка"	

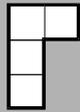
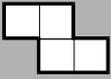
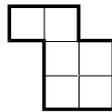
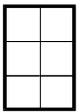
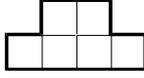
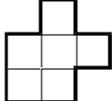
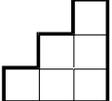
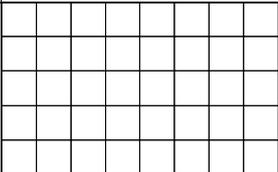
Пять, 5.

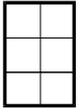
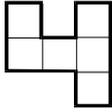
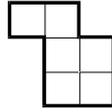
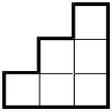
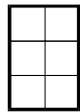
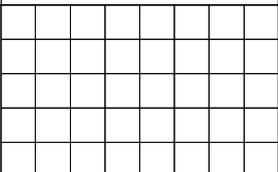
5 = 1 + 4	 4 "квадрат"	 4 "буква Г"	 4 "зигзаг"
 1 "клеточка"	 "головастик"	 "буква Т"	 "буква М"
 1 "клеточка"	 "улитка"	 "улитка"	

5 = 3 + 2	 2 "кирпичик"	 2 "кирпичик"	 2 "бантик"
 3 "полоска"	 "улитка"	 "буква Т"	
 3 "уголок"	 "улитка"	 "буква П"	 "головастик"
 3 "уголок"	 "буква М"		 "крестик"

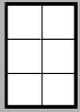
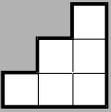
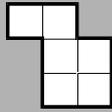
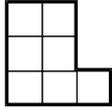
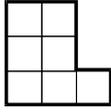
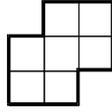
Шесть, 6.

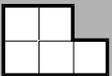
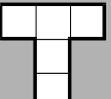
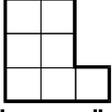
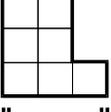
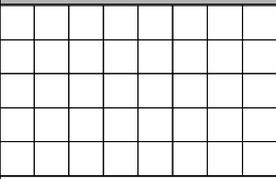
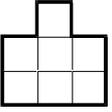
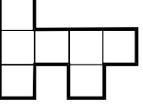
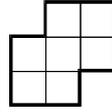
6 = 1 + 5	 5 "улитка"	 5 "улитка"	 5 "буква М"
1  "клеточка"	 "буква Ъ"	 "шкаф"	 "ступени"
1  "клеточка"	 "шляпа"		 "буква Ъ"

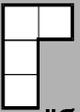
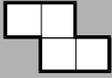
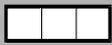
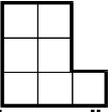
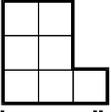
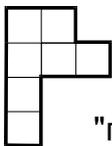
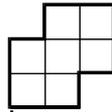
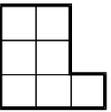
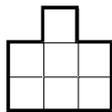
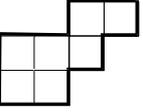
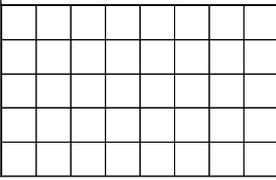
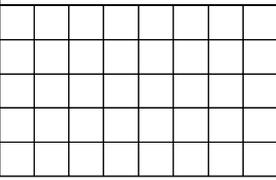
6 = 2 + 4	 4 "квадрат"	 4 "буква Г"	 4 "зигзаг"
2  "кирпичик"	 "буква Ъ"	 "шкаф"	 "шляпа"
2  "бантик"	 "свекла"	 "ступени"	

6 = 3 + 3	 3 "уголок"	 3 "полоска"	 3 "уголок"
3  "уголок"	 "шкаф"	 "буква Ч"	 "буква Ъ"
3  "полоска"	 "ступени"	 "шкаф"	

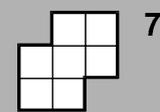
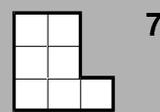
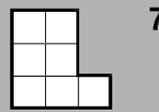
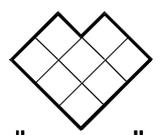
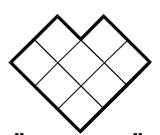
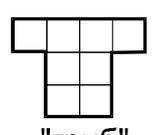
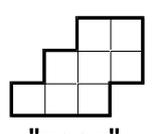
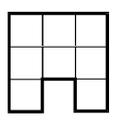
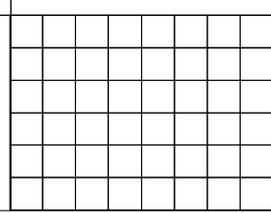
Семь, 7.

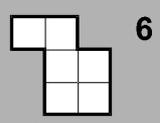
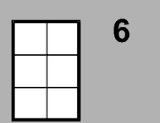
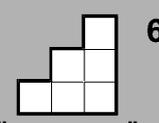
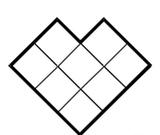
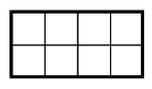
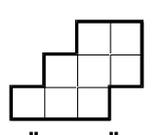
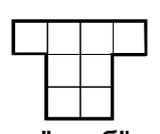
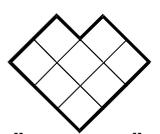
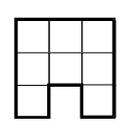
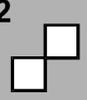
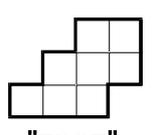
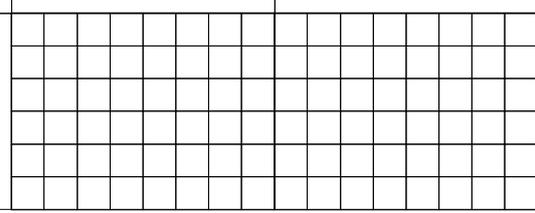
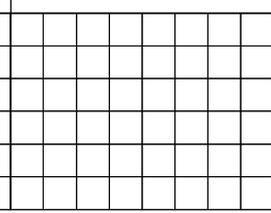
$7 = 1 + 6$	 6 "шкаф"	 6 "ступени"	 6 "буква Ъ"
 1 "клеточка"	 "сапог"	 "сапог"	 "фантик"

$7 = 2 + 5$	 5 "улитка"	 5 "буква Т"	 5 "буква М"
 2 "кирпичик"	 "сапог"	 "сапог"	
 2 "бантик"	 "улитка"	 "ступени"	 "фантик"

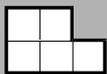
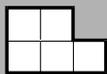
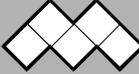
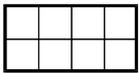
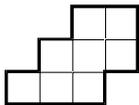
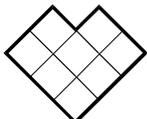
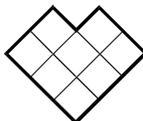
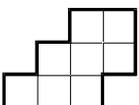
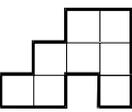
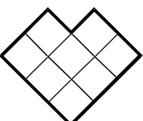
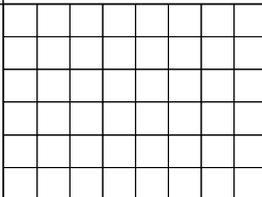
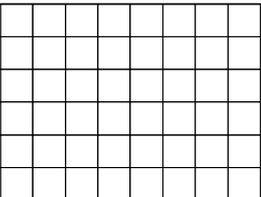
$7 = 3 + 4$	 4 "квадрат"	 4 "буква Г"	 4 "зигзаг"
 3 "полоска"	 "сапог"	 "сапог"	 "гусь"
 3 "уголок"	 "фантик"	 "сапог"	 "улитка"
 3 "уголок"	 "фантик"		

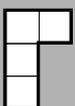
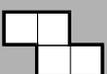
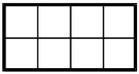
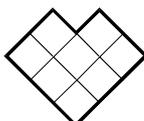
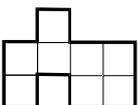
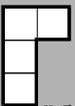
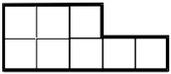
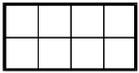
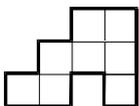
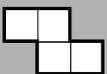
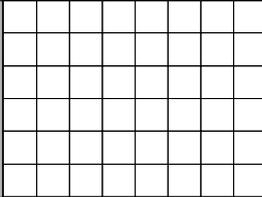
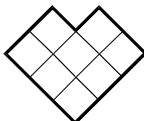
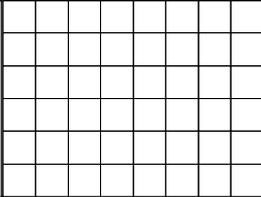
Восемь, 8.

8 = 1 + 7	 7 "фантик"	 7 "сапог"	 7 "сапог"
 1 "клеточка"	 "сердце"	 "сердце"	 "гриб"
 1 "клеточка"	 "трап"	 "трап"	

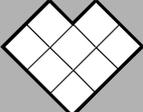
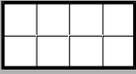
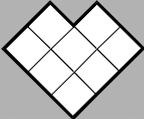
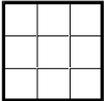
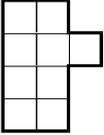
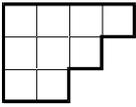
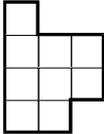
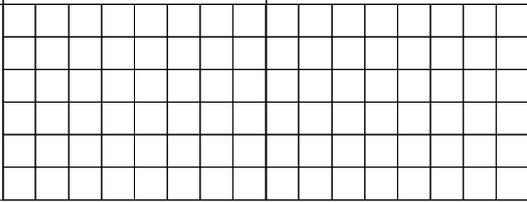
8 = 2 + 6	 6 "буква Ъ"	 6 "шкаф"	 6 "ступени"
 2 "кирпичик"	 "сердце"	 "коробка"	 "трап"
 2 "кирпичик"	 "гриб"	 "сердце"	 "трап"
 2 "бантик"	 "трап"		

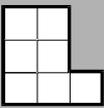
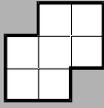
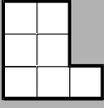
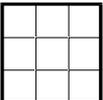
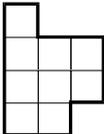
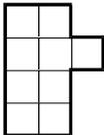
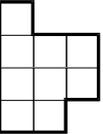
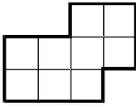
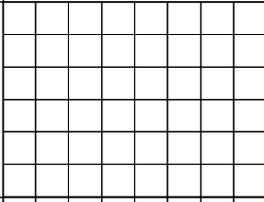
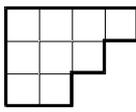
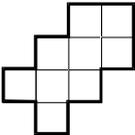
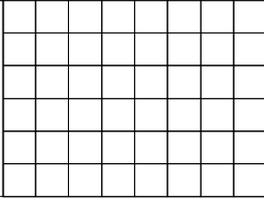
Восемь, 8.

8 = 3 + 5	 "улитка" 5	 "улитка" 5	 "буква М" 5
3  "уголок"	 "коробка"	 "трап"	 "сердце"
3  "полоска"	 "сердце"	 "трап"	
3  "уголок"	 "сердце"		

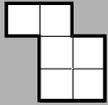
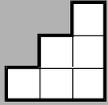
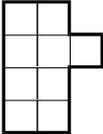
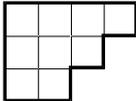
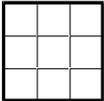
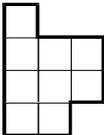
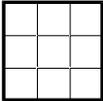
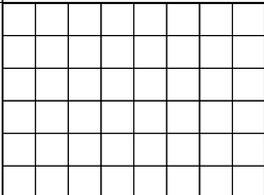
8 = 4 + 4	 "квадрат" 4	 "буква Г" 4	 "зигзаг" 4
 "квадрат" 4	 "коробка"	 "сердце"	
 "буква Г" 4	 "коробка"	 "коробка"	
 "зигзаг" 4		 "сердце"	

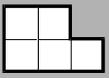
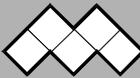
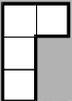
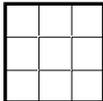
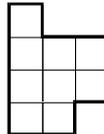
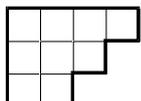
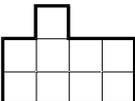
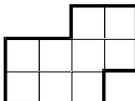
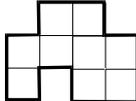
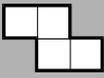
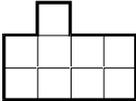
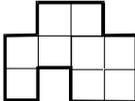
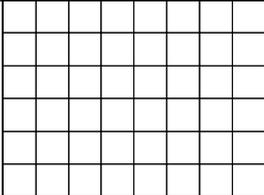
Девять, 9

9 = 1 + 8	 "сердце" 8	 "коробка" 8	 "сердце" 8
1  "клеточка"	 "кубик"	 "полено"	 "пистолет"
1  "клеточка"	 "собака"		

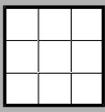
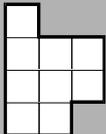
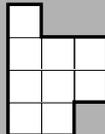
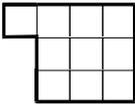
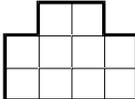
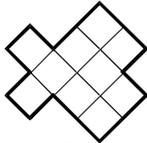
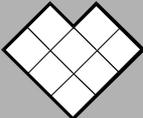
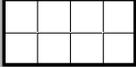
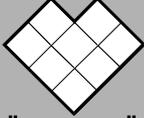
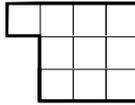
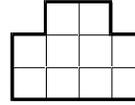
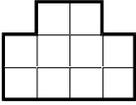
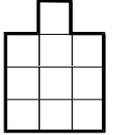
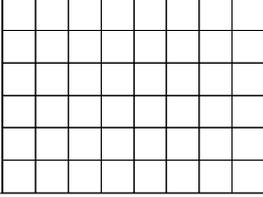
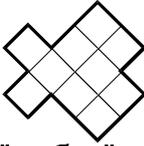
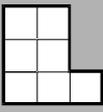
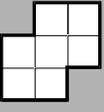
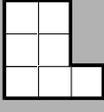
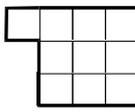
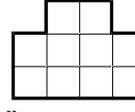
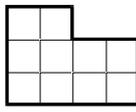
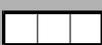
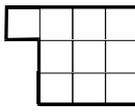
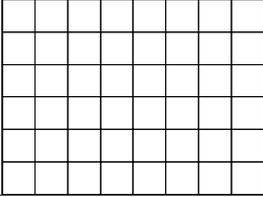
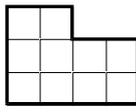
9 = 2 + 7	 "сапог" 7	 "фантик" 7	 "сапог" 7
2  "кирпичик"	 "кубик"	 "собака"	 "полено"
2  "кирпичик"	 "собака"		
2  "бантик"	 "пистолет"		

Девять, 9

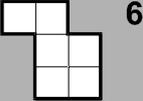
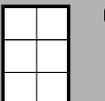
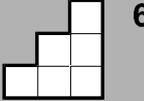
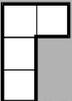
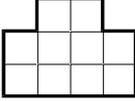
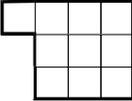
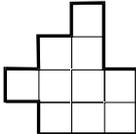
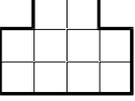
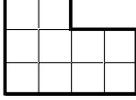
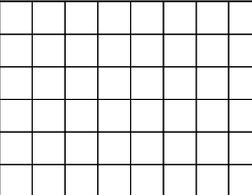
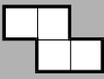
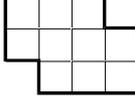
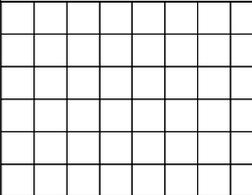
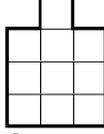
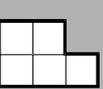
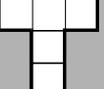
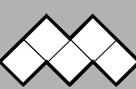
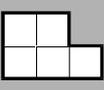
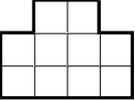
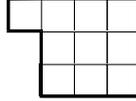
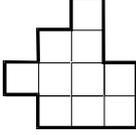
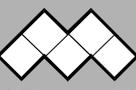
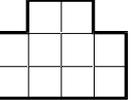
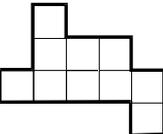
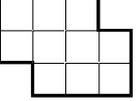
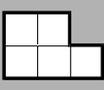
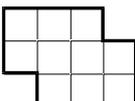
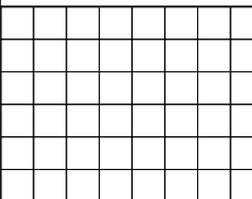
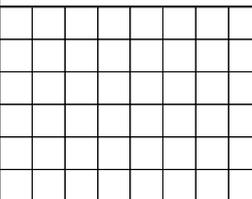
$9 = 3 + 6$	 "буква Ъ"	 "шкаф"	 "ступени"
3  "уголок"	 "полено"	 "пистолет"	 "кубик"
3  "полоска"	 "собака"	 "кубик"	

$9 = 4 + 5$	 "улитка"	 "улитка"	 "буква М"
 "буква Г"	 "кубик"	 "собака"	 "пистолет"
 "квадрат"	 "полено"		
 "зигзаг"	 "полено"		

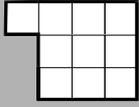
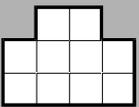
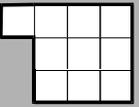
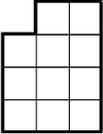
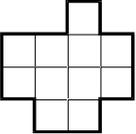
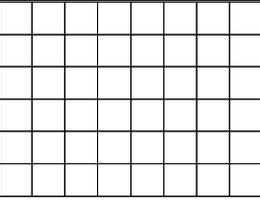
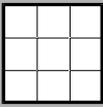
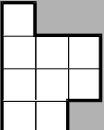
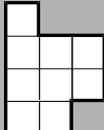
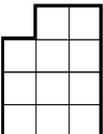
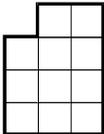
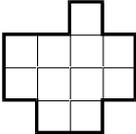
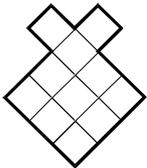
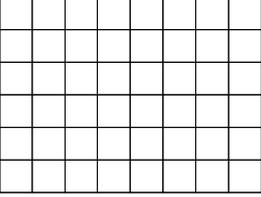
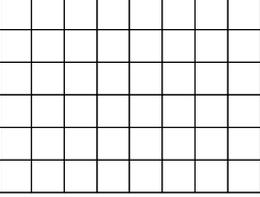
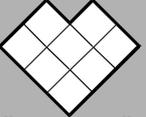
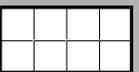
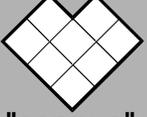
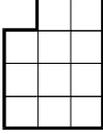
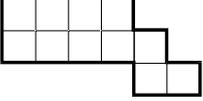
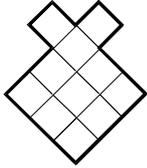
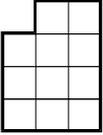
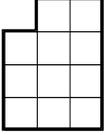
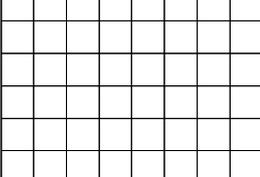
Десять, 10

$10 = 1 + 9$	 <p>9 "кубик"</p>	 <p>9 "собака"</p>	 <p>9 "собака"</p>
<p>1 "клеточка"</p> 	 <p>"улей"</p>	 <p>"чемодан"</p>	 <p>"рыбка"</p>
$10 = 2 + 8$	 <p>8 "сердце"</p>	 <p>8 "коробка"</p>	 <p>8 "сердце"</p>
<p>2 "кирпичик"</p> 	 <p>"улей"</p>	 <p>"чемодан"</p>	 <p>"чемодан"</p>
<p>2 "бантик"</p> 	 <p>"бутылка"</p>		 <p>"рыбка"</p>
$10 = 3 + 7$	 <p>7 "сапог"</p>	 <p>7 "фантик"</p>	 <p>7 "сапог"</p>
<p>3 "уголок"</p> 	 <p>"улей"</p>	 <p>"чемодан"</p>	
<p>3 "полоска"</p> 	 <p>"улей"</p>		

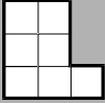
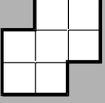
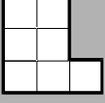
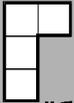
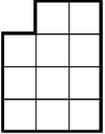
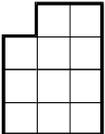
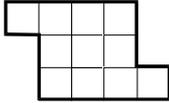
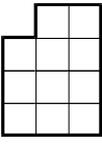
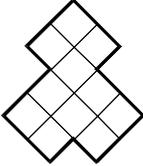
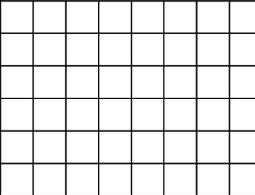
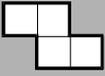
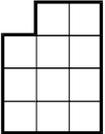
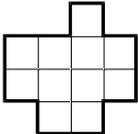
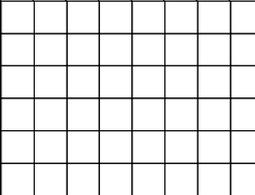
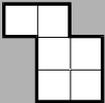
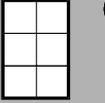
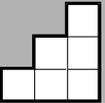
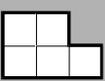
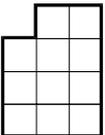
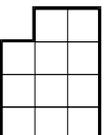
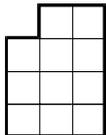
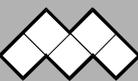
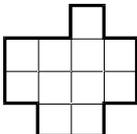
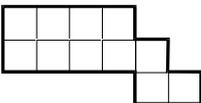
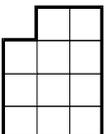
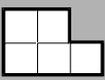
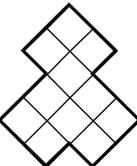
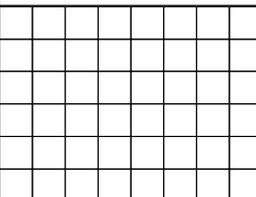
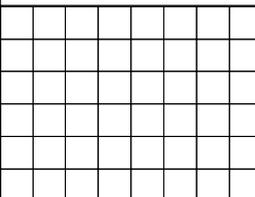
Десять, 10

$10 = 4 + 6$	 "буква Ъ"	 "шкаф"	 "ступени"
 "буква Г"	 "чемодан"	 "улей"	
 "квадрат"	 "чемодан"		
 "зигзаг"			 "бутылка"
$10 = 5 + 5$	 "улитка"	 "буква Т"	 "буква М"
 "улитка"	 "чемодан"	 "улей"	
 "буква М"	 "чемодан"		
 "улитка"			

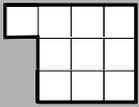
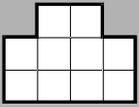
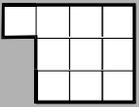
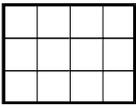
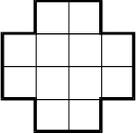
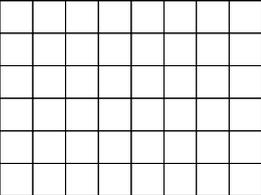
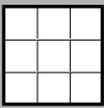
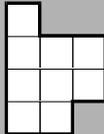
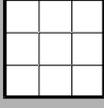
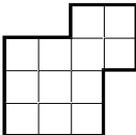
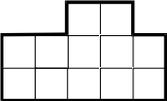
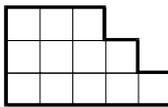
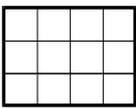
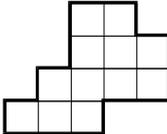
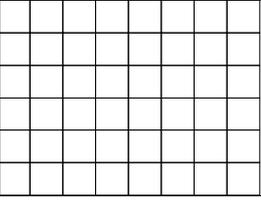
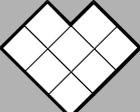
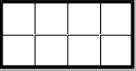
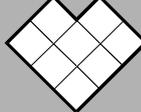
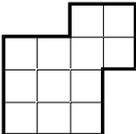
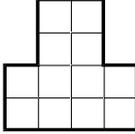
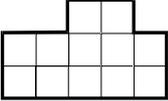
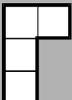
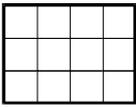
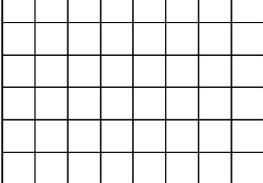
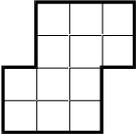
Одиннадцать, 11

$11 = 1 + 10$	 10 "улей"	 10 "чемодан"	 10 "улей"
1  "клеточка"			
$11 = 2 + 9$	 9 "кубик"	 9 "собака"	 9 "собака"
2  "кирпичик"			
2  "бантик"			
$11 = 3 + 8$	 8 "сердце"	 8 "коробка"	 8 "сердце"
3  "уголок"			
3  "полоска"			

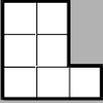
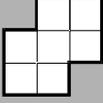
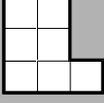
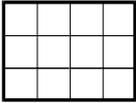
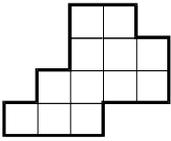
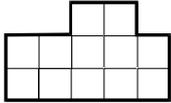
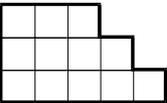
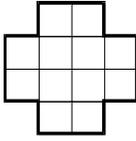
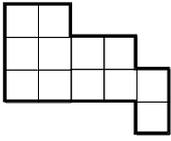
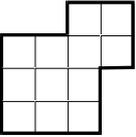
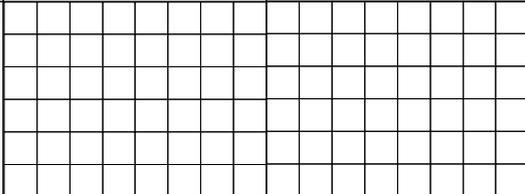
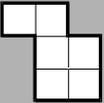
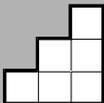
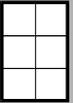
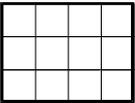
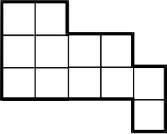
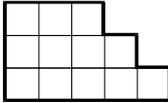
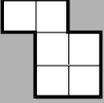
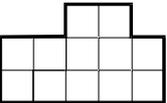
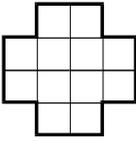
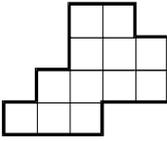
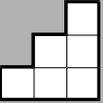
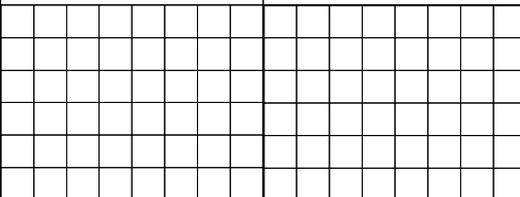
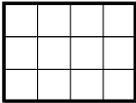
Одиннадцать, 11

$11 = 4 + 7$	 7 "сапог"	 7 "фантик"	 7 "сапог"
 4 "буква Г"			
 4 "квадрат"			
 4 "зигзаг"			
$11 = 5 + 6$	 6 "буква Ъ"	 6 "шкаф"	 6 "ступени"
 5 "улитка"			
 5 "буква М"			
 5 "улитка"			

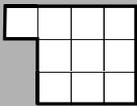
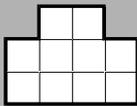
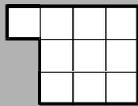
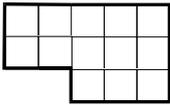
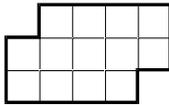
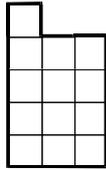
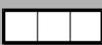
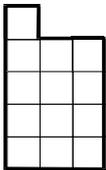
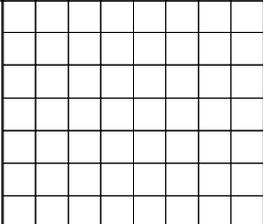
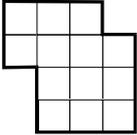
Двенадцать, 12

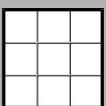
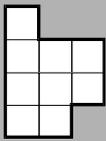
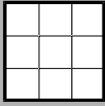
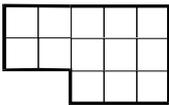
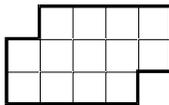
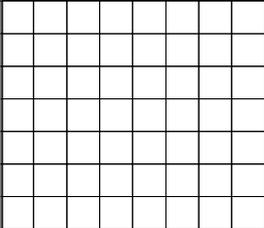
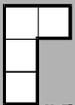
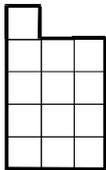
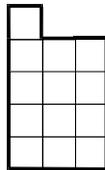
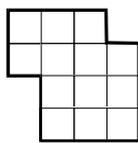
$12 = 2 + 10$	 <p>10 "улей"</p>	 <p>10 "чемодан"</p>	 <p>10 "улей"</p>
<p>2  "кирпичик"</p>			
$12 = 3 + 9$	 <p>9 "кубик"</p>	 <p>9 "собака"</p>	 <p>9 "кубик"</p>
<p>3  "уголок"</p>			
<p>3  "полоска"</p>			
$12 = 4 + 8$	 <p>8 "сердце"</p>	 <p>8 "коробка"</p>	 <p>8 "сердце"</p>
<p>4  "квадрат"</p>			
<p>4  "буква Г"</p>			

Двенадцать, 12

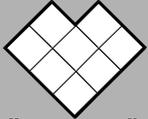
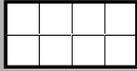
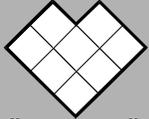
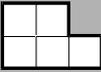
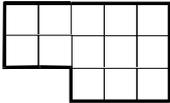
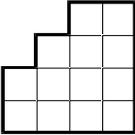
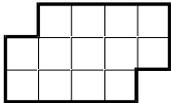
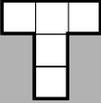
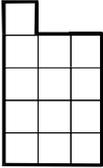
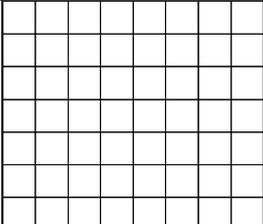
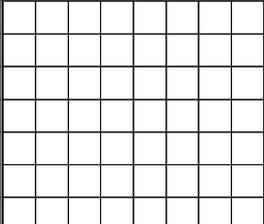
<p>12 = 5 + 7</p>	 7 "сапог"	 7 "фантик"	 7 "сапог"
 5 "улитка"			
 5 "буква М"			
 5 "улитка"			
<p>12 = 6 + 6</p>	 6 "шкаф"	 6 "буква Ъ"	 6 "ступени"
 6 "шкаф"			
 6 "буква Ъ"			
 6 "ступени"			

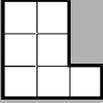
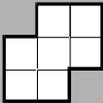
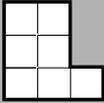
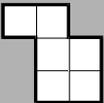
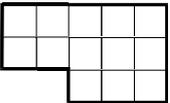
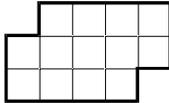
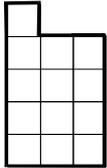
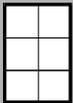
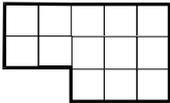
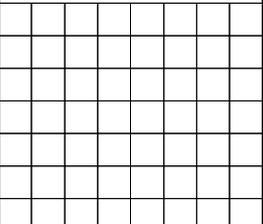
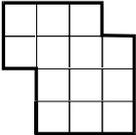
Тринадцать, 13

$13 = 3 + 10$	 <p>10 "улей"</p>	 <p>10 "чемодан"</p>	 <p>10 "улей"</p>
<p>3 "уголок"</p> 			
<p>3 "полоска"</p> 			

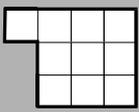
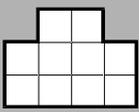
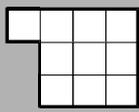
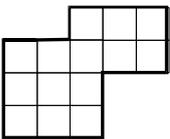
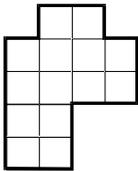
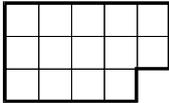
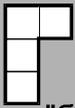
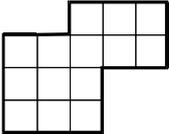
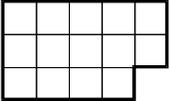
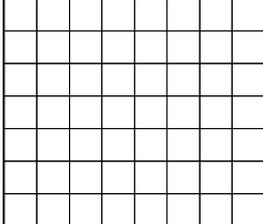
$13 = 4 + 9$	 <p>9 "кубик"</p>	 <p>9 "собака"</p>	 <p>9 "кубик"</p>
<p>4 "квадрат"</p> 			
<p>4 "буква Г"</p> 			

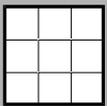
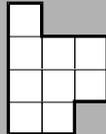
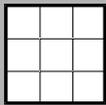
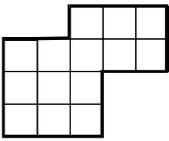
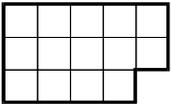
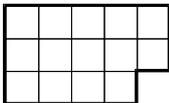
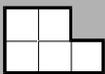
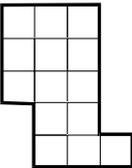
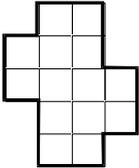
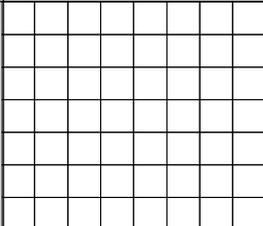
Тринадцать, 13

$13 = 5 + 8$	 "сердце" 8	 "коробка" 8	 "сердце" 8
 "улитка" 5			
 "буква Т" 5			

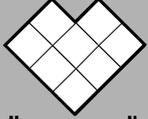
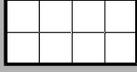
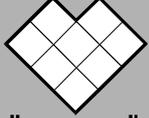
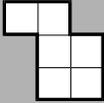
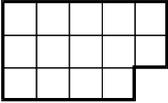
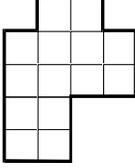
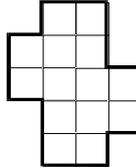
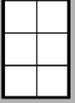
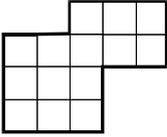
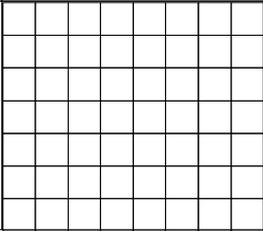
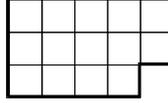
$13 = 6 + 7$	 "сапог" 7	 "фантик" 7	 "сапог" 7
 "буква Ъ" 6			
 "шкаф" 6			

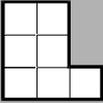
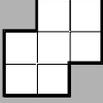
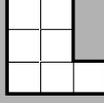
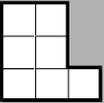
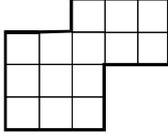
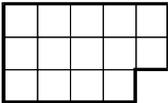
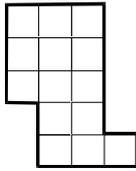
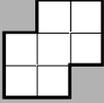
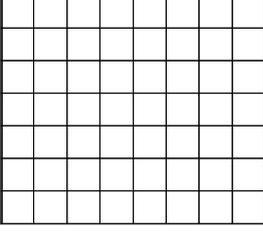
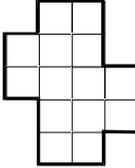
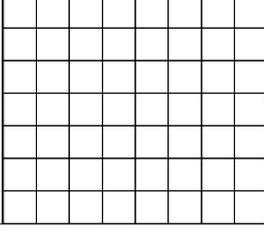
Четырнадцать, 14

14 = 4 + 10	 10 "улей"	 10 "чемодан"	 10 "улей"
 4 "квадрат"			
 4 "буква Г"			

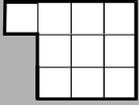
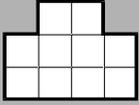
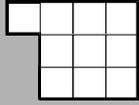
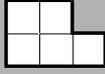
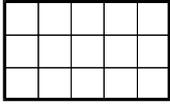
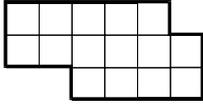
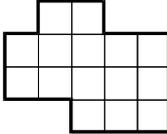
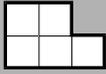
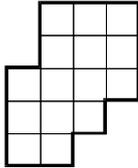
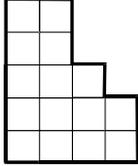
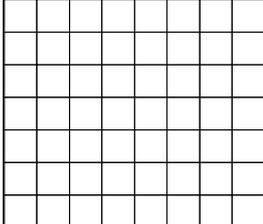
14 = 5 + 9	 9 "кубик"	 9 "собака"	 9 "кубик"
 5 "улитка"			
 5 "улитка"			

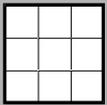
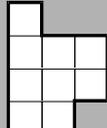
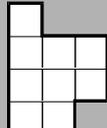
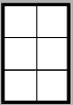
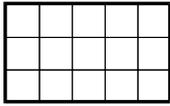
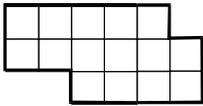
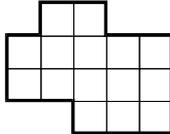
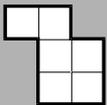
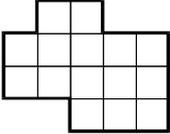
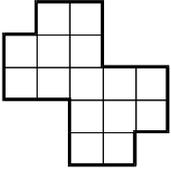
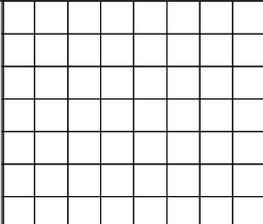
Четырнадцать, 14

$14 = 6 + 8$	 8 "сердце"	 8 "коробка"	 8 "сердце"
 6 "буква Ъ"			
 6 "шкаф"			

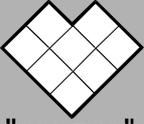
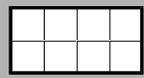
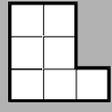
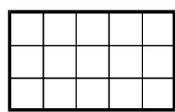
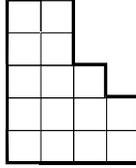
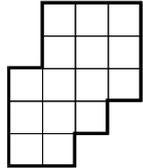
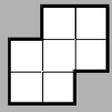
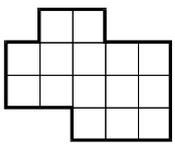
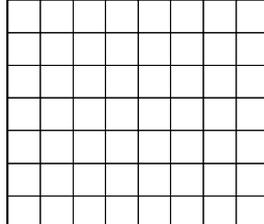
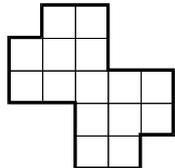
$14 = 7 + 7$	 7 "сапог"	 7 "фантик"	 7 "сапог"
 7 "сапог"			
 7 "фантик"			

Пятнадцать, 15

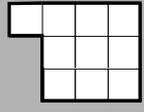
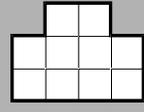
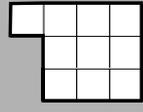
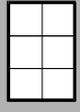
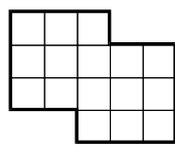
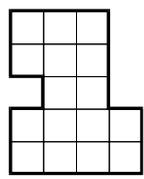
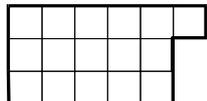
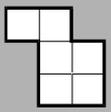
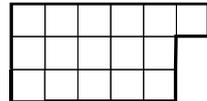
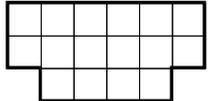
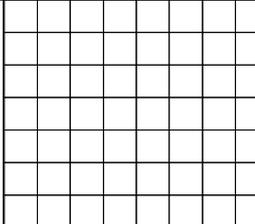
<p>15 = 5 + 10</p>	<p>10</p>  <p>"улей"</p>	<p>10</p>  <p>"чемодан"</p>	<p>10</p>  <p>"улей"</p>
<p>5</p>  <p>"улитка"</p>			
<p>5</p>  <p>"улитка"</p>			

<p>15 = 6 + 9</p>	<p>9</p>  <p>"кубик"</p>	<p>9</p>  <p>"собака"</p>	<p>9</p>  <p>"собака"</p>
<p>6</p>  <p>"шкаф"</p>			
<p>6</p>  <p>"буква Ъ"</p>			

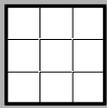
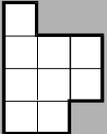
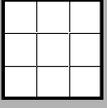
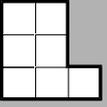
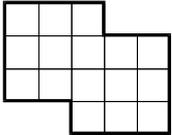
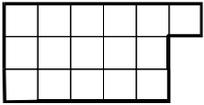
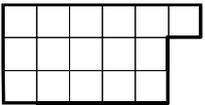
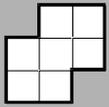
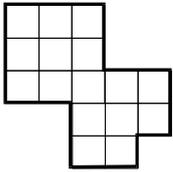
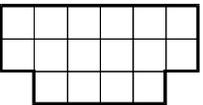
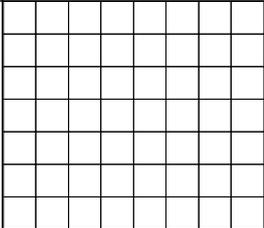
Пятнадцать, 15

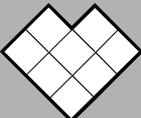
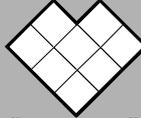
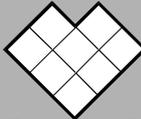
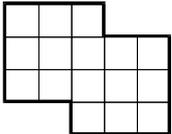
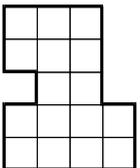
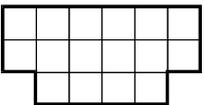
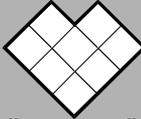
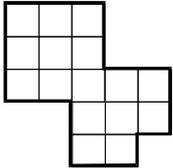
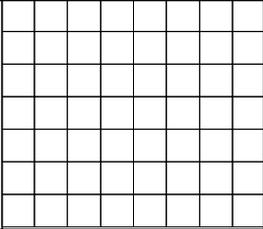
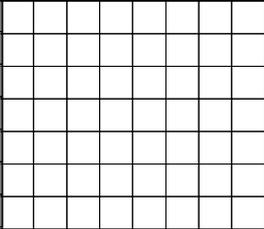
$15 = 7 + 8$	 8 "сердце"	 8 "коробка"	 8 "сердце"
 7 "сапог"			
 7 "фантик"			

Шестнадцать, 16

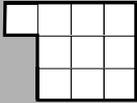
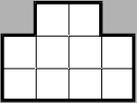
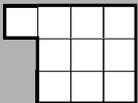
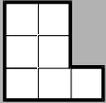
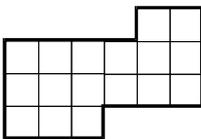
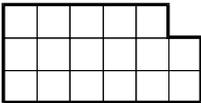
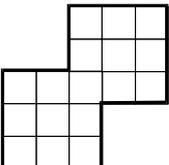
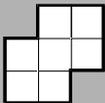
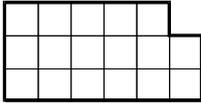
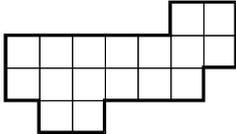
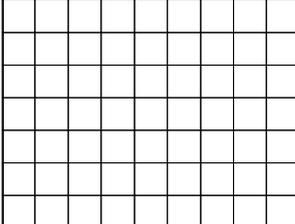
$16 = 6 + 10$	 10 "улей"	 10 "чемодан"	 10 "улей"
 6 "шкаф"			
 6 "буква Ъ"			

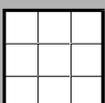
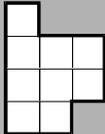
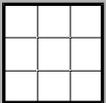
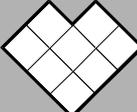
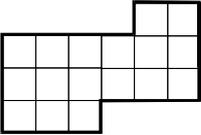
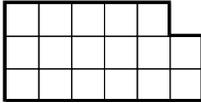
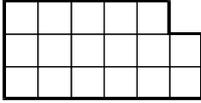
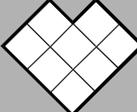
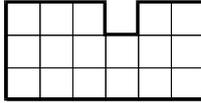
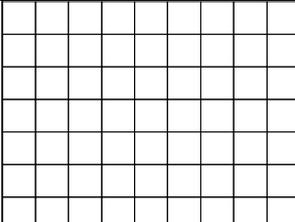
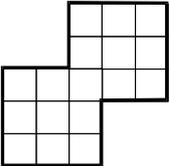
Шестнадцать, 16

<p>16 = 7 + 9</p>	 9 "кубик"	 9 "собака"	 9 "кубик"
 7 "сапог"			
 7 "фантик"			

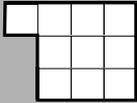
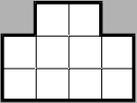
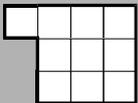
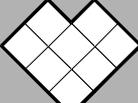
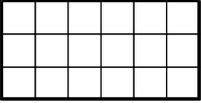
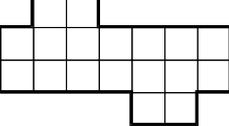
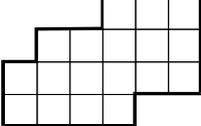
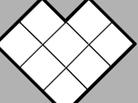
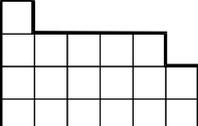
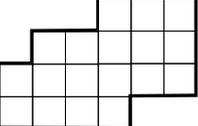
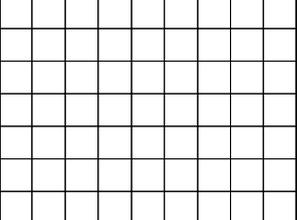
<p>16 = 8 + 8</p>	 8 "сердце"	 8 "коробка"	 8 "сердце"
 8 "сердце"			
 8 "сердце"			

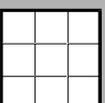
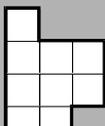
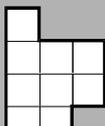
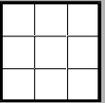
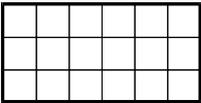
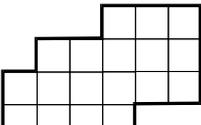
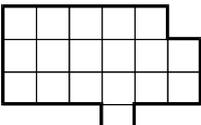
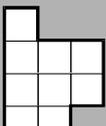
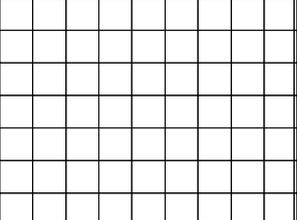
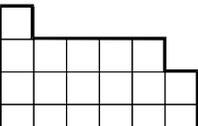
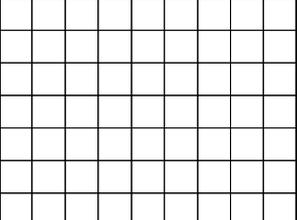
Семнадцать, 17

<p>17 = 7 + 10</p>	<p>10</p>  <p>"лей"</p>	<p>10</p>  <p>"чемодан"</p>	<p>10</p>  <p>"лей"</p>
<p>7</p>  <p>"сапог"</p>			
<p>7</p>  <p>"фантик"</p>			

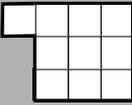
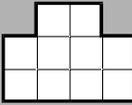
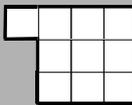
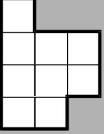
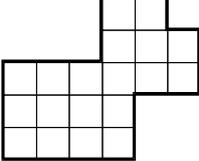
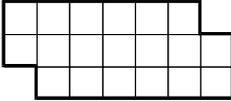
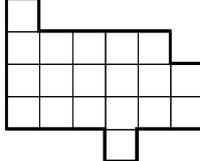
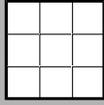
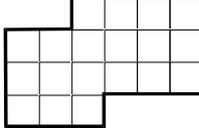
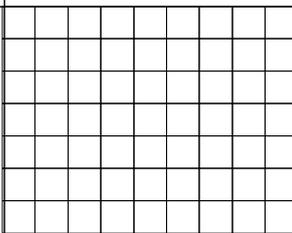
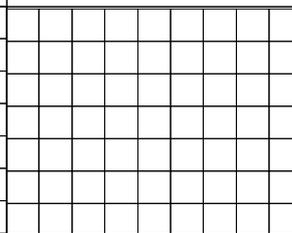
<p>17 = 8 + 9</p>	<p>9</p>  <p>"кубик"</p>	<p>9</p>  <p>"собака"</p>	<p>9</p>  <p>"кубик"</p>
<p>8</p>  <p>"сердце"</p>			
<p>8</p>  <p>"сердце"</p>			

Восемнадцать, 18

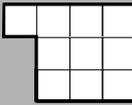
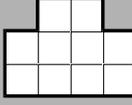
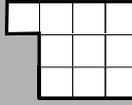
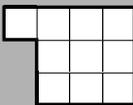
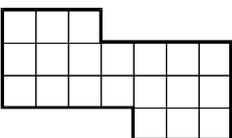
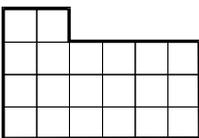
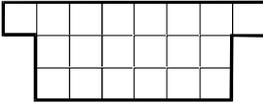
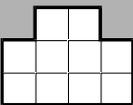
<p>18 = 8 + 10</p>	<p>10</p>  <p>"улей"</p>	<p>10</p>  <p>"чемодан"</p>	<p>10</p>  <p>"улей"</p>
<p>8</p>  <p>"сердце"</p>			
<p>8</p>  <p>"сердце"</p>			

<p>18 = 9 + 9</p>	<p>9</p>  <p>"кубик"</p>	<p>9</p>  <p>"собака"</p>	<p>9</p>  <p>"собака"</p>
<p>9</p>  <p>"кубик"</p>			
<p>9</p>  <p>"собака"</p>			

Девятнадцать, 19

$19 = 9 + 10$	 <p>10 "улей"</p>	 <p>10 "чемодан"</p>	 <p>10 "улей"</p>
 <p>9 "собака"</p>			
 <p>9 "кубик"</p>			

Двадцать, 20

$20 = 10 + 10$	 <p>10 "улей"</p>	 <p>10 "чемодан"</p>	 <p>10 "улей"</p>
 <p>10 "улей"</p>			
 <p>10 "чемодан"</p>	