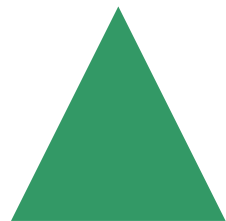
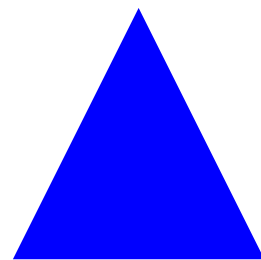
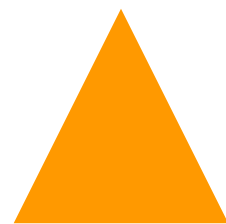
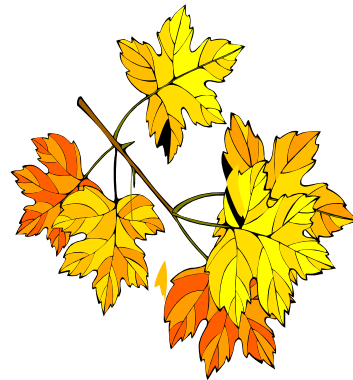


Свойства предметов

Цвет



Форма



Размер



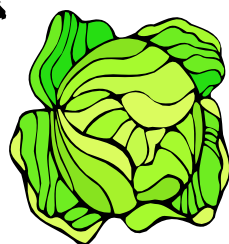
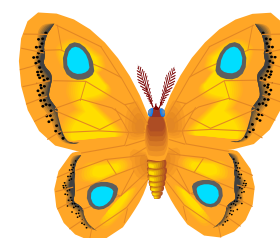
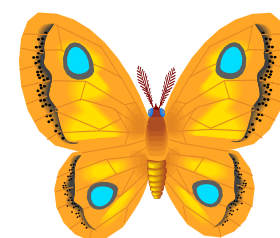
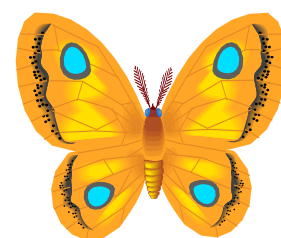
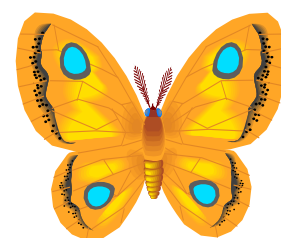
Сравнение групп предметов



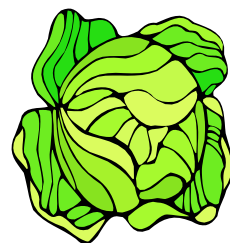
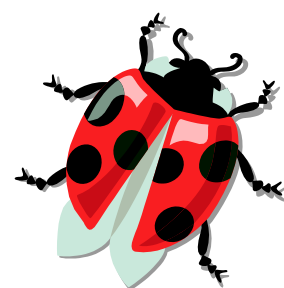
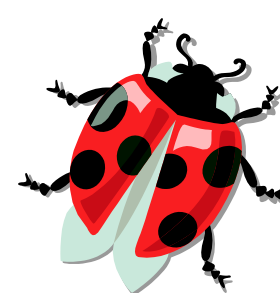
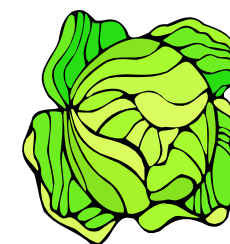
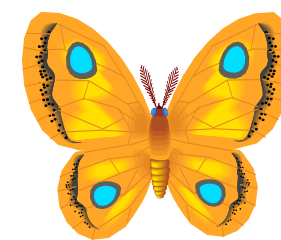
=



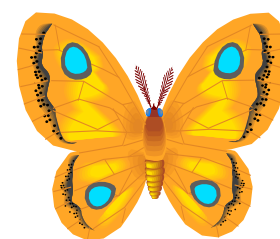
≠



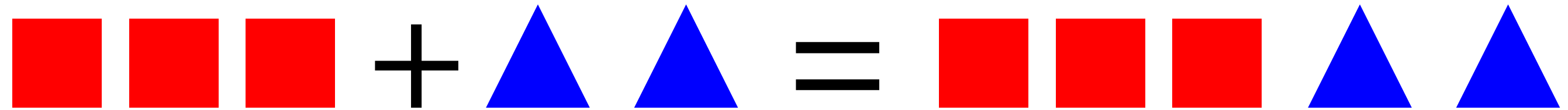
=



≠



Сложение



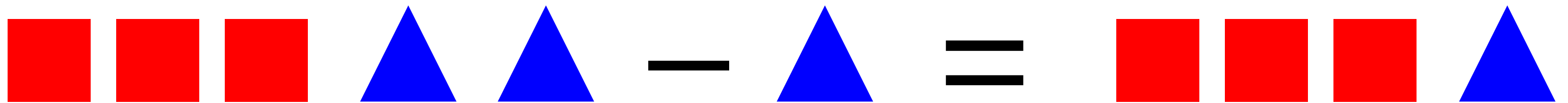
*сумма
(выражение)*

*сумма
(результат)*



$$K + T = T + K$$

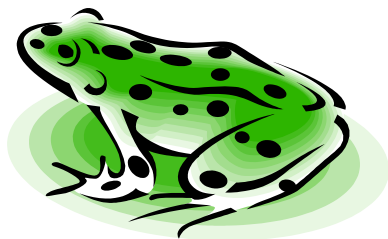
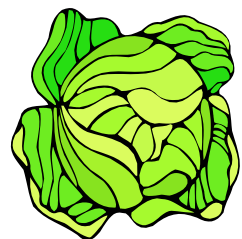
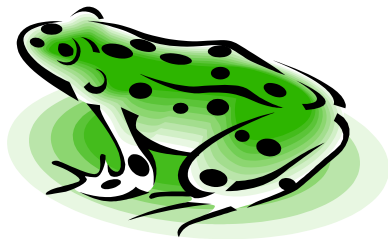
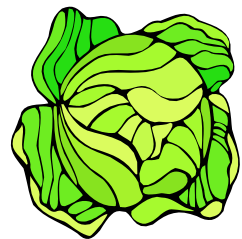
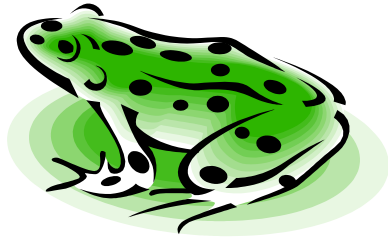
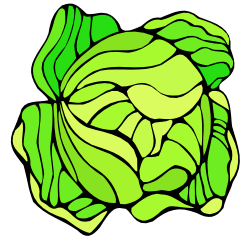
Вычитание



*разность
(выражение)*

*разность
(результат)*

Столько же



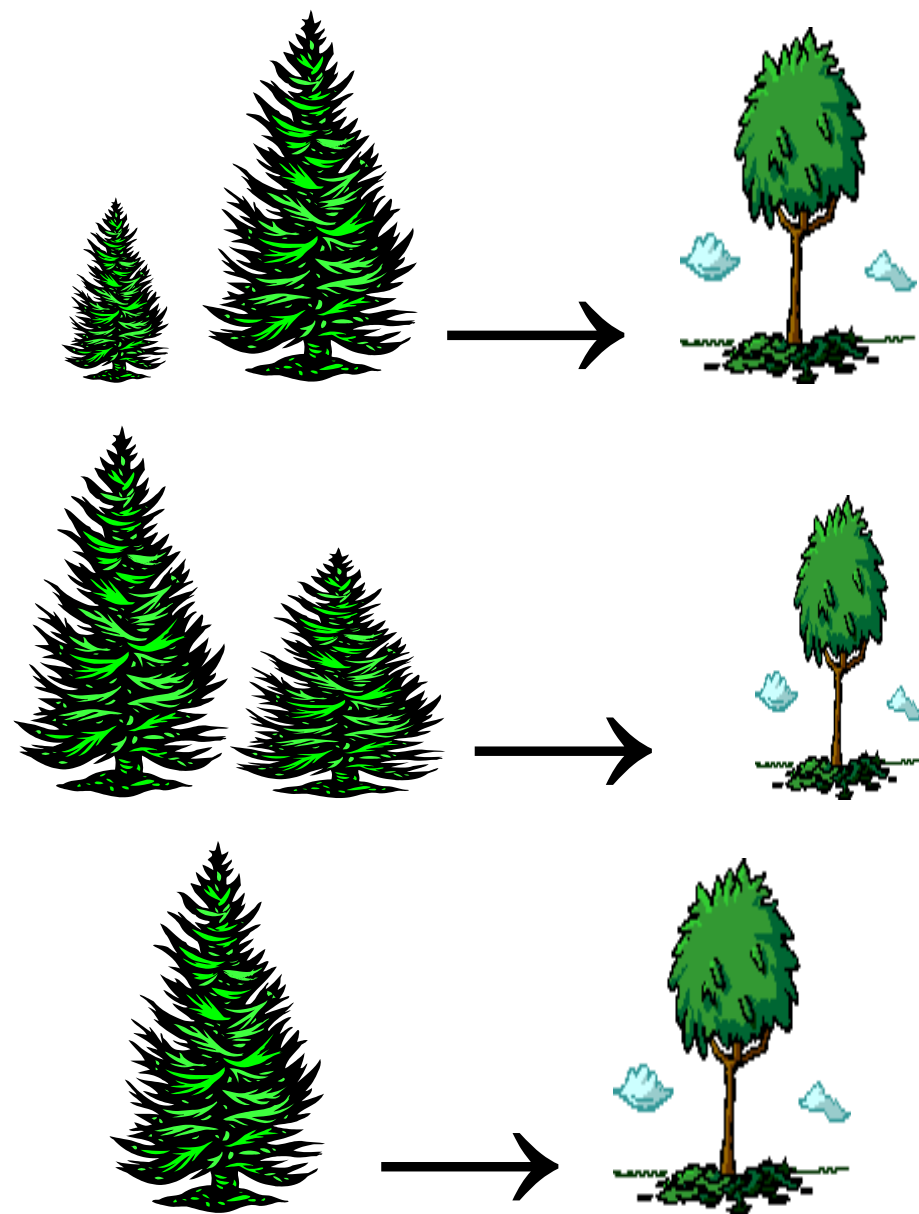
$$3 = 3$$



$$4 = 4$$

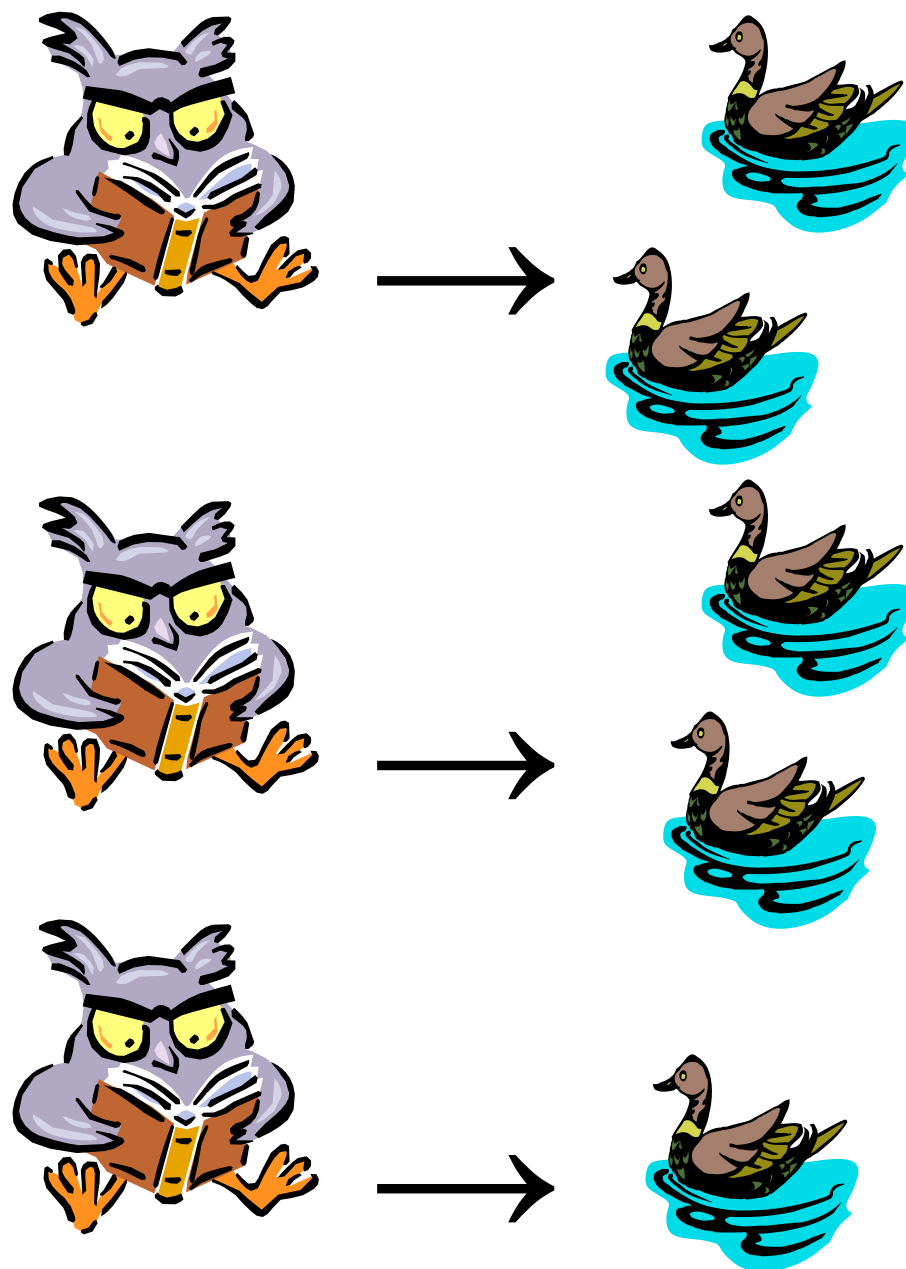
Больше, меньше, равно.

> больше



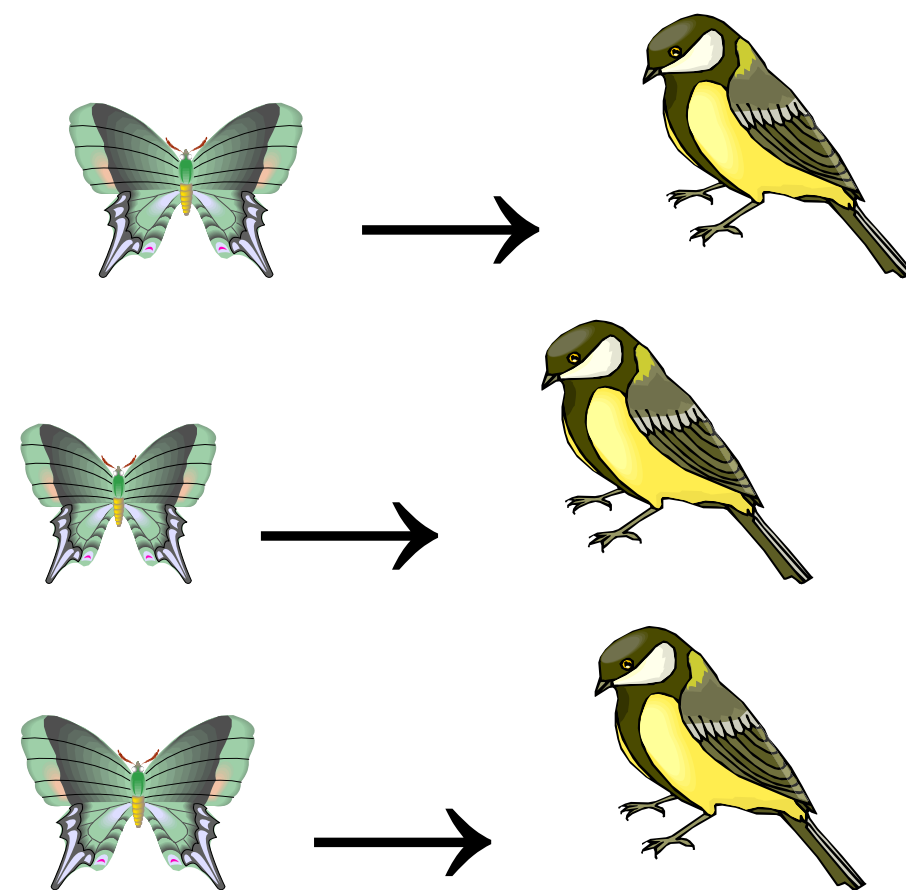
$$5 > 3$$

< меньше



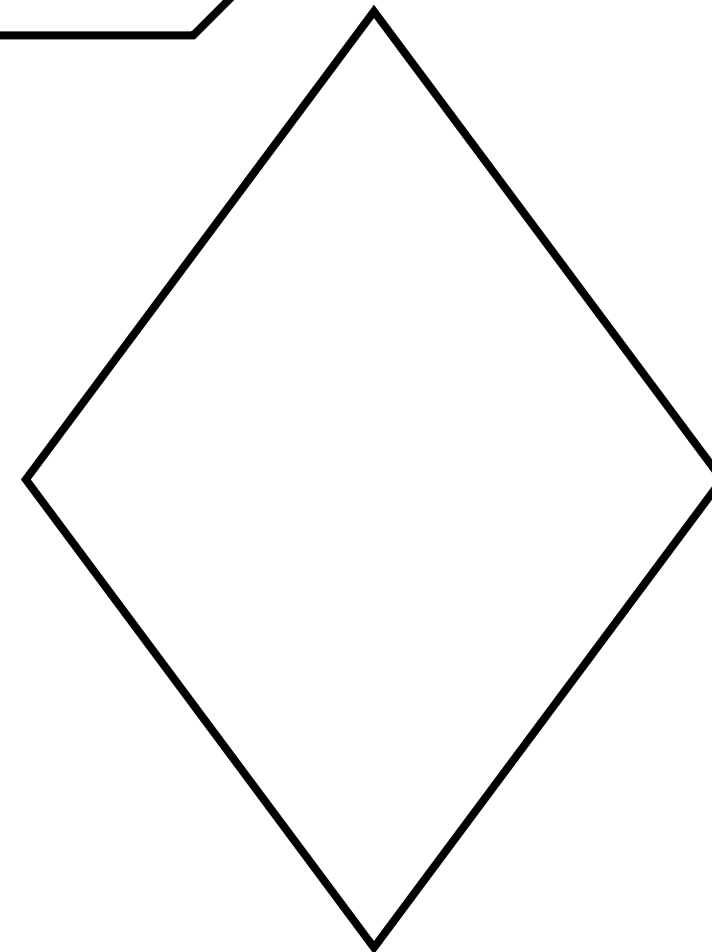
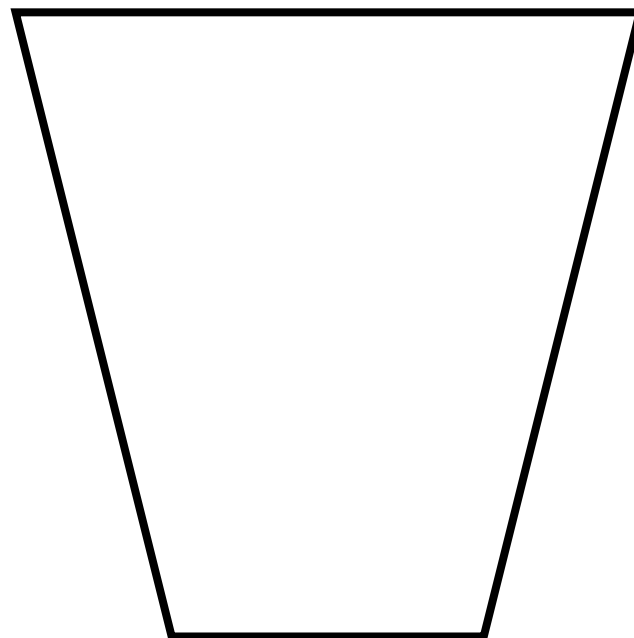
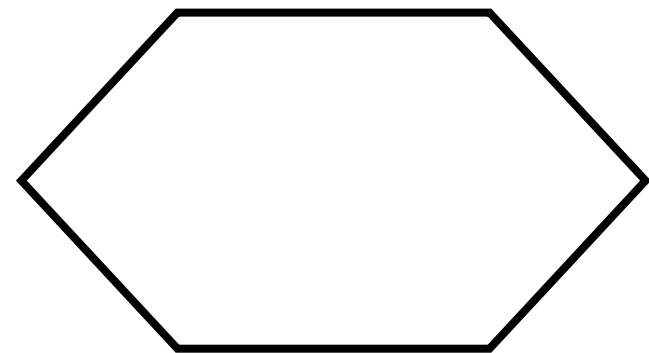
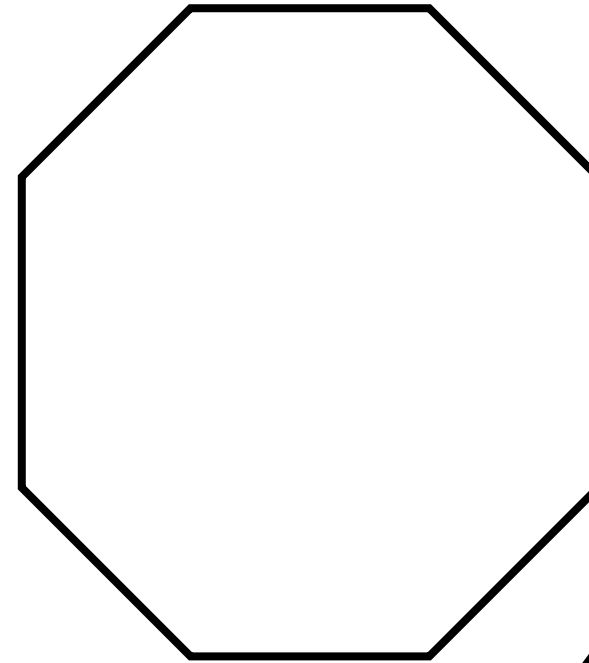
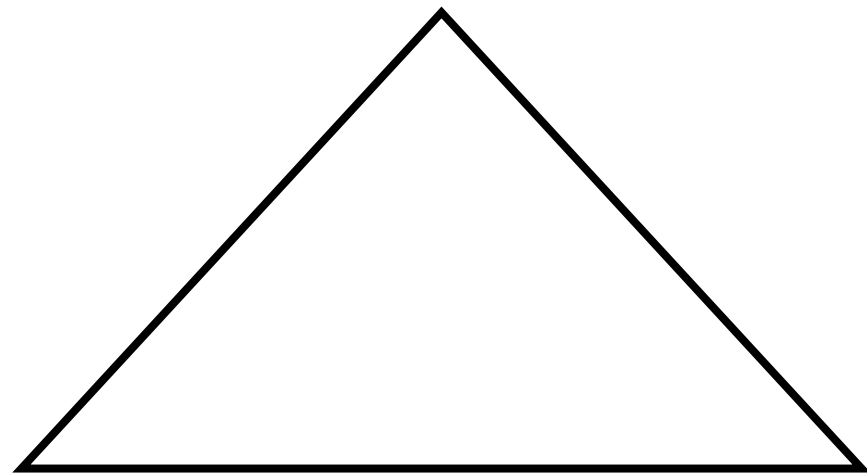
$$3 < 5$$

= равно



$$3 = 3$$

Многоугольники



Точки

Замкнутые

Незамкнутые

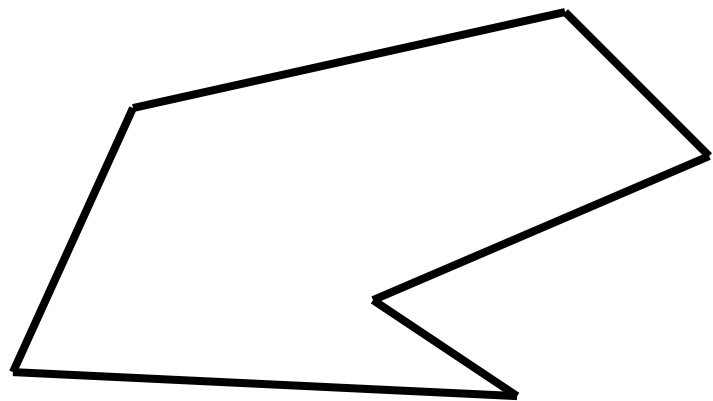
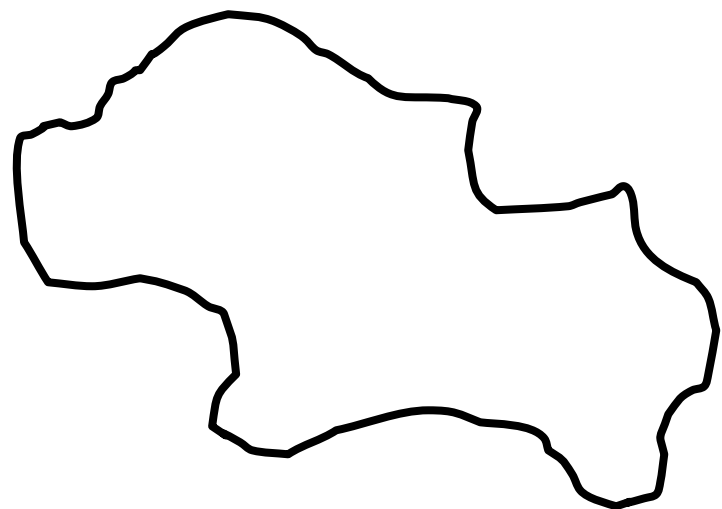
• *A*

• *M*

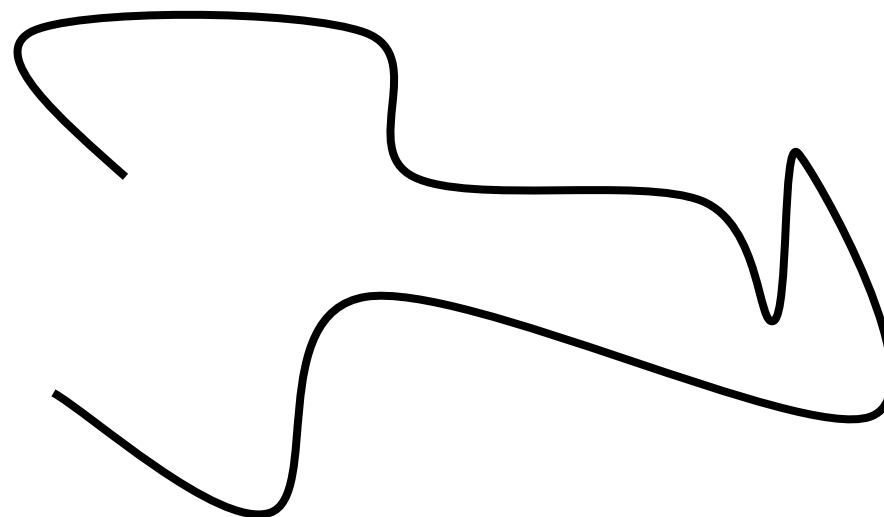
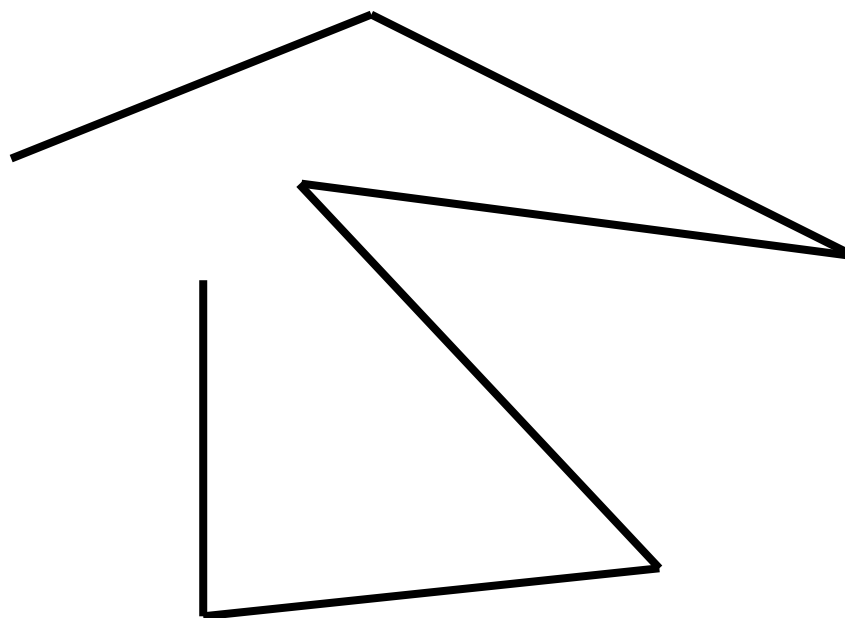
• *B*

• *P*

линии



линии



Компоненты сложения

слагаемое

слагаемое

$$4 + 2 = 6$$

сумма

сумма

Компоненты вычитания

уменьшаемое

вычитаемое

$$6 - 4 = 2$$

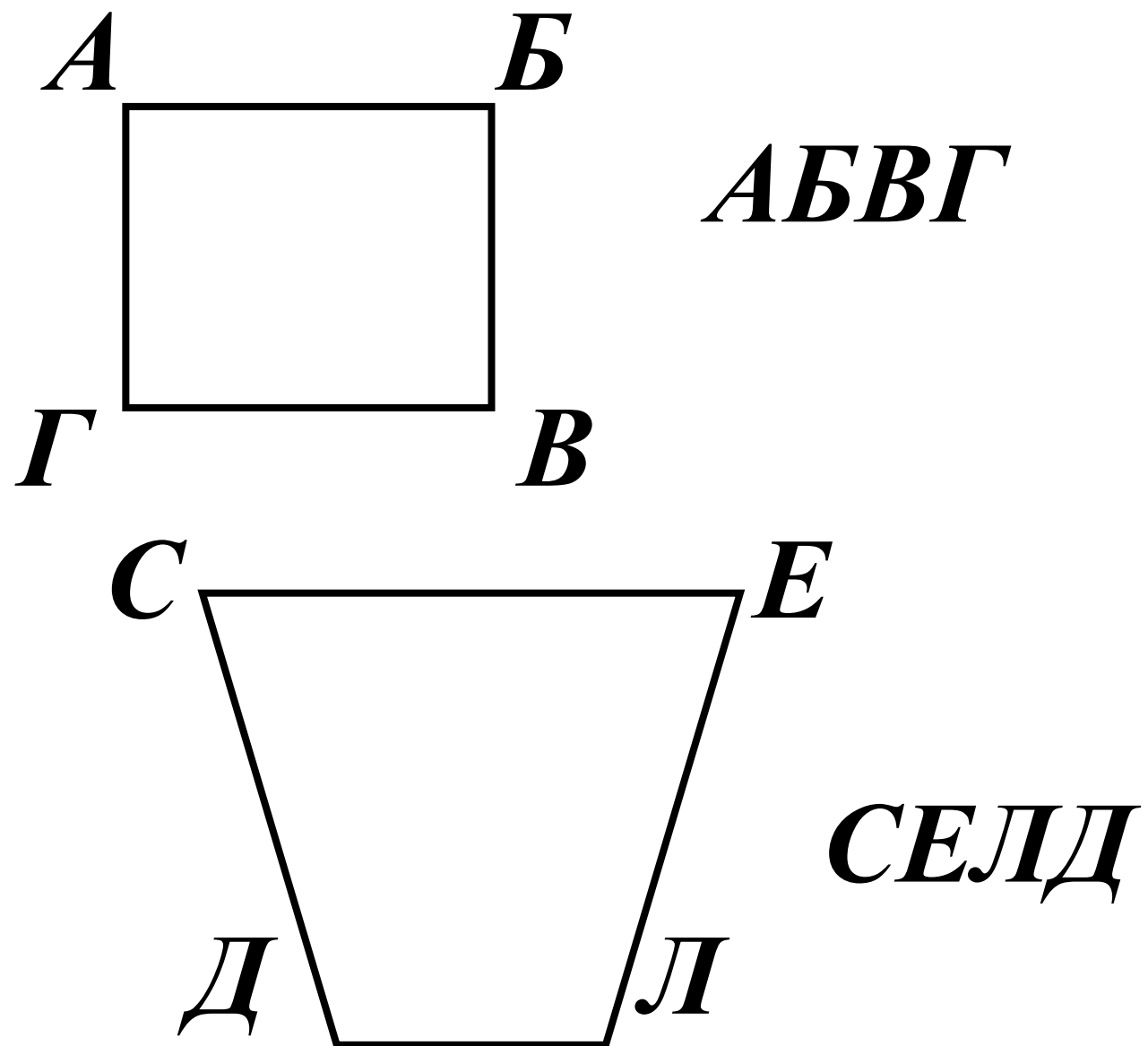
разность

разность

Ломаные линии

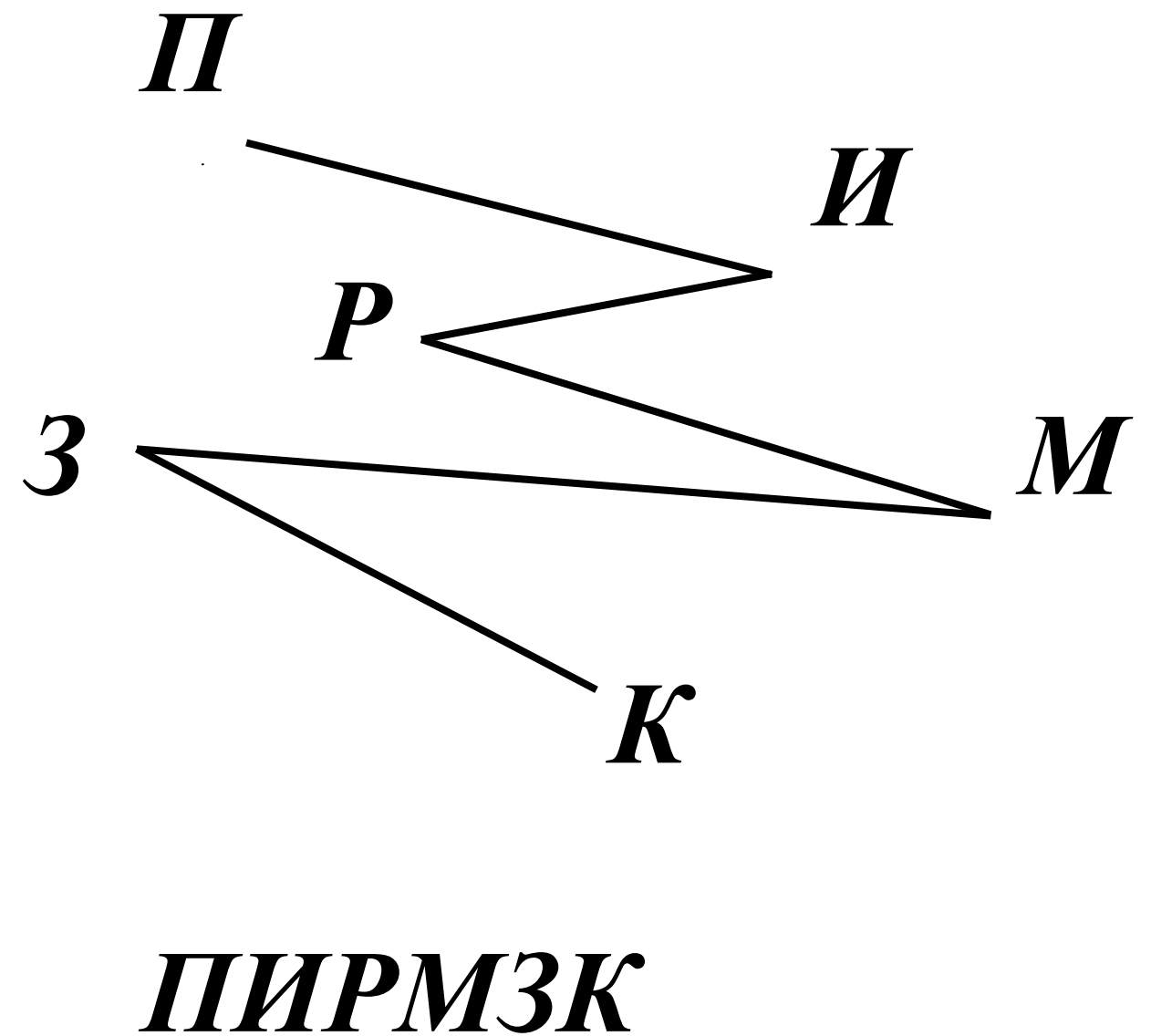
Замкнутые

линии



Незамкнутые

линии



Римские цифры

I – *один*



V – *пять*

X – *десять*

1	2	3	4	5	6	7	8	9	10
I	II	III	IV	V	VI	VII	VIII	IX	X
11	12	13	14	15	16	17	18	19	20
XI	XII	XIII	XIV	XV	XVI	XVII	XVIII	XIX	XX

Задача

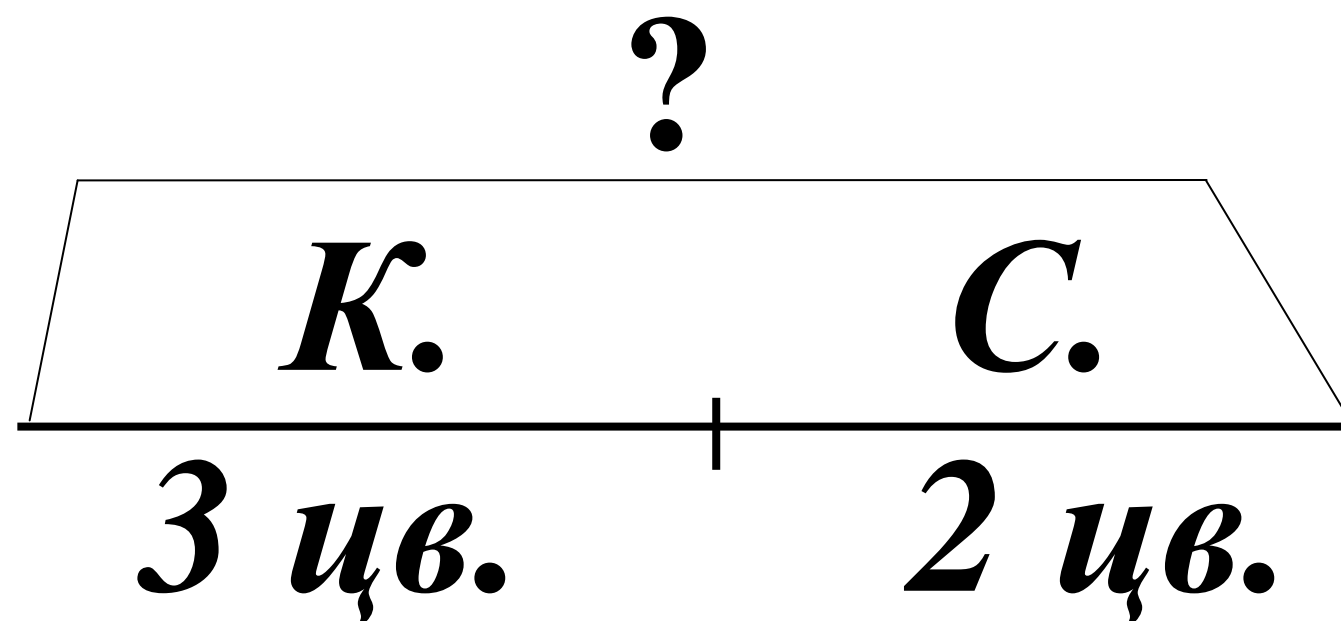
УСЛОВИЕ

У Кати  ,
у Саши  .

ВОПРОС

*Сколько цветов у
Кати и Саши?*

СХЕМА



ВЫРАЖЕНИЕ

$$3 + 2$$

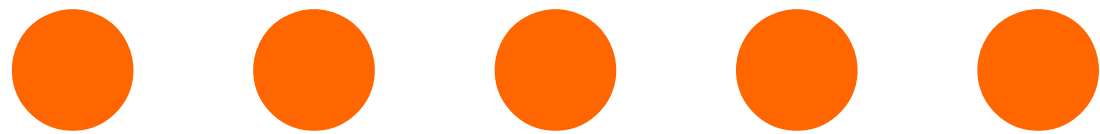
РЕШЕНИЕ

$$3 + 2 = 5 \text{ (цв.)}$$

ОТВЕТ

Ответ: 5 цветов.

Сравнение

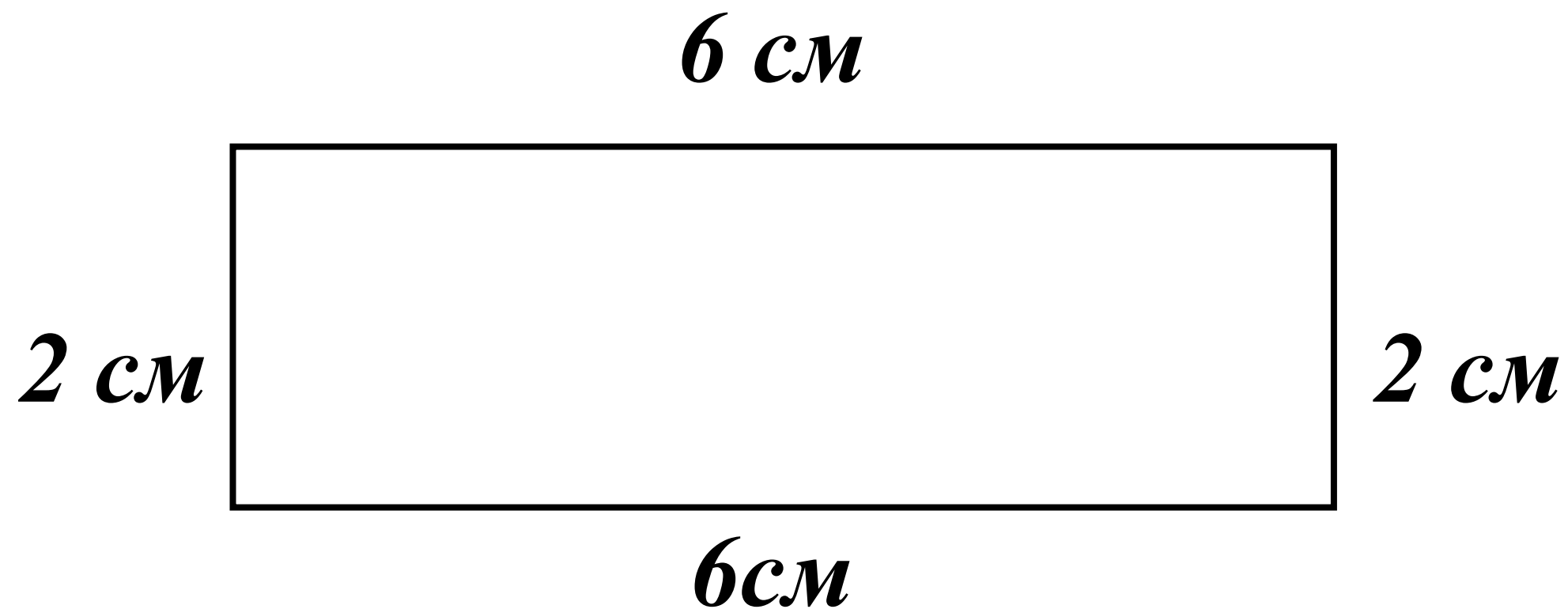


На сколько больше? $8 - 5 = 3$

На сколько меньше? $8 - 5 = 3$

**Надо из большего числа
вычесть меньшее.**

**Периметр –
сумма длин сторон
многоугольника.**

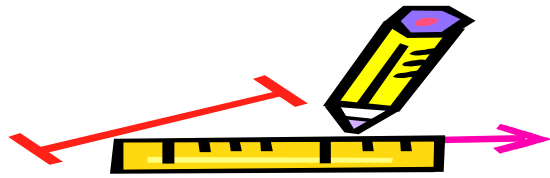


$$P = 2 + 6 + 2 + 6$$

$$P = 14 \text{ см}$$

Величины

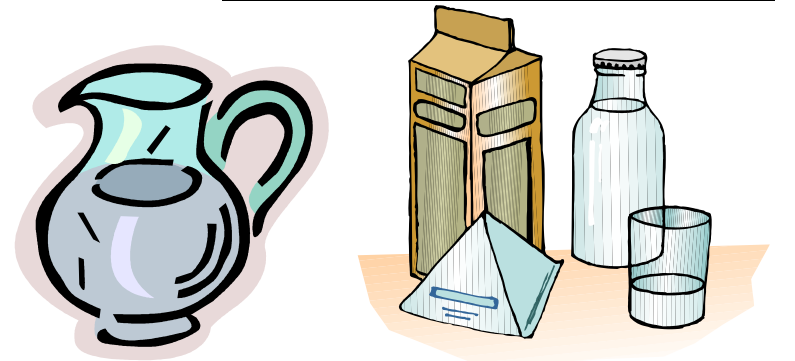
Длина



Масса



Объём



Единицы

длины:

1 см

1 дм

1 дм = 10 см

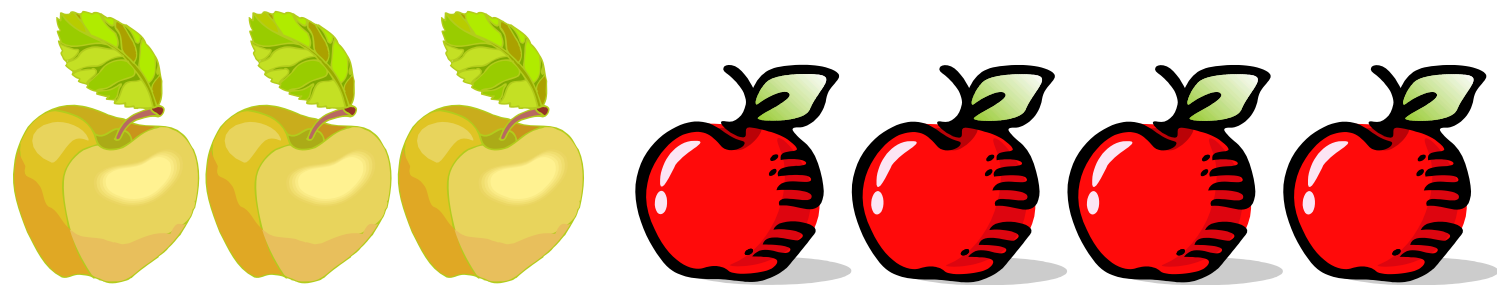
массы:

1 кг

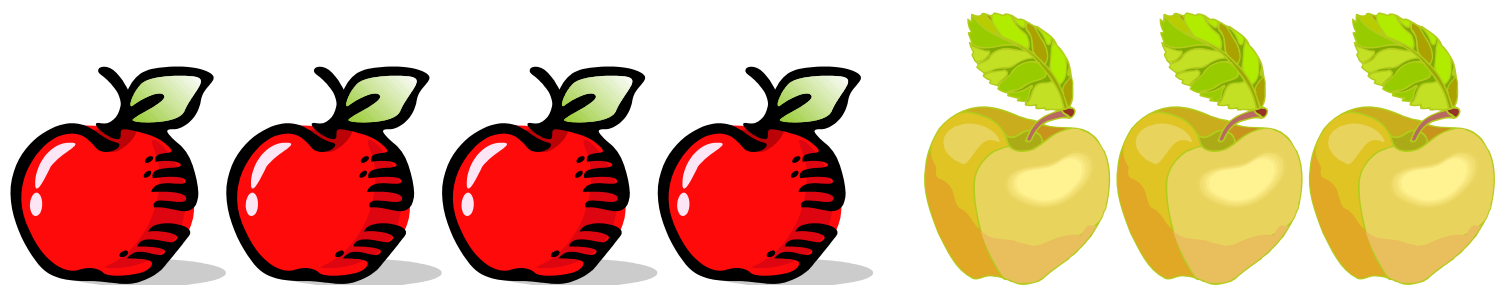
объёма:

1 л

Переместительное свойство сложения



$$3 + 4 = 7$$



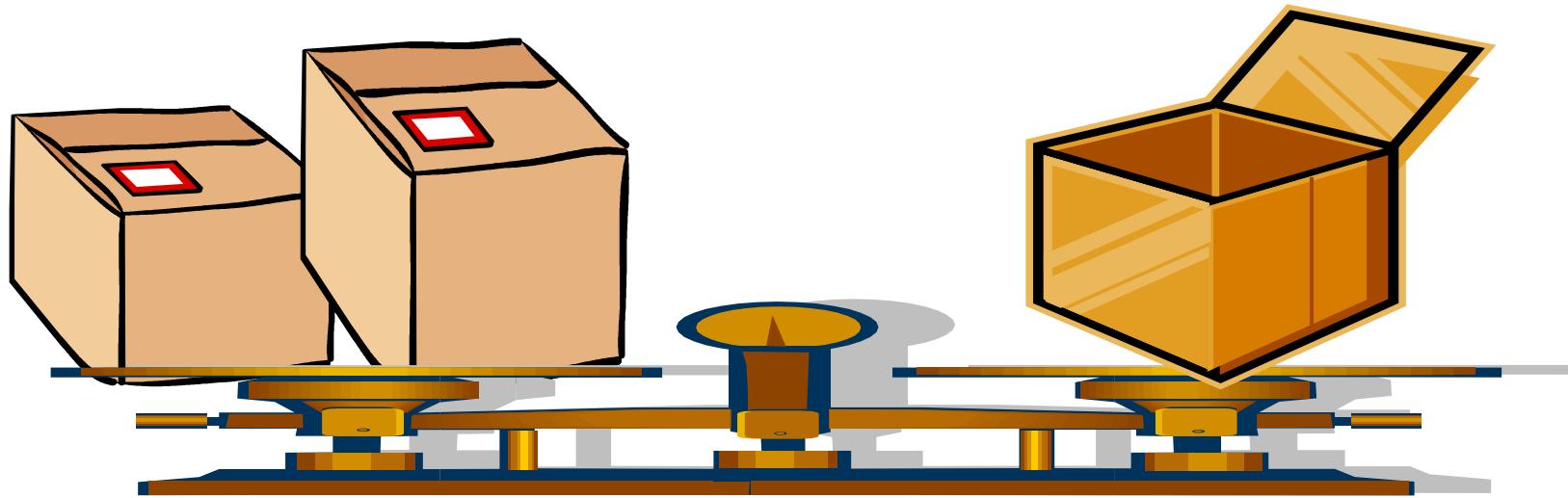
$$4 + 3 = 7$$

*От перестановки слагаемых
значение суммы не изменяется.*

Уравнения

3 кг x

7 кг



$$\underline{3} + \underline{x} = \textcircled{7}$$

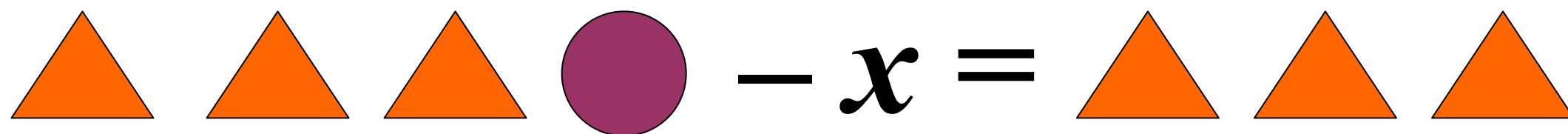
$$x = 7 - 3$$

$$x = 4$$

$$x + 3 = \textcircled{7}$$

$$x = 7 - 3$$

$$x = 4$$

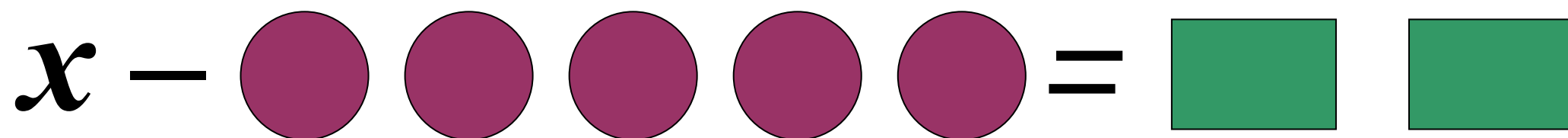


$\triangle \triangle \triangle \bullet - x = \triangle \triangle \triangle$

$$\textcircled{4} - \underline{x} = \underline{3}$$

$$x = 4 - 3$$

$$\underline{x = 1}$$





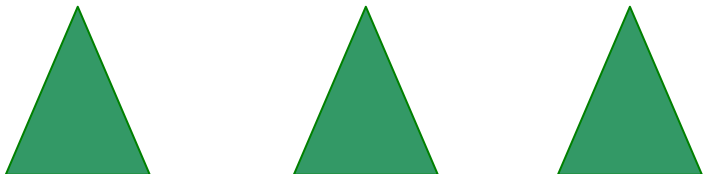
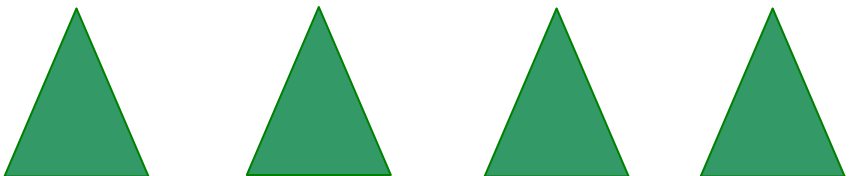
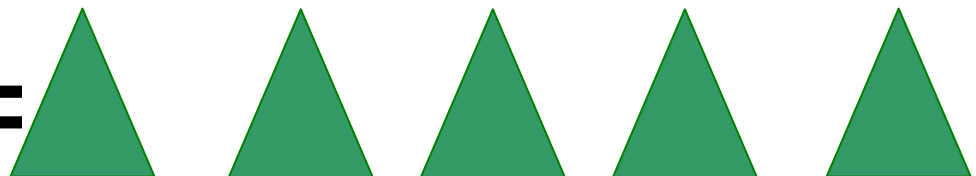
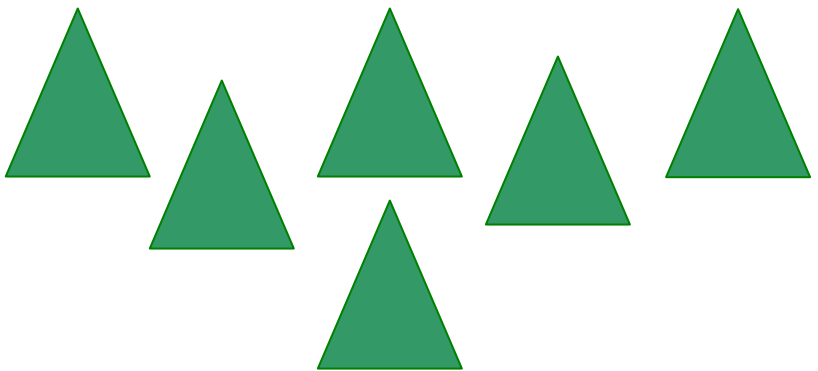
$x - \bullet \bullet \bullet \bullet \bullet = \square \square$

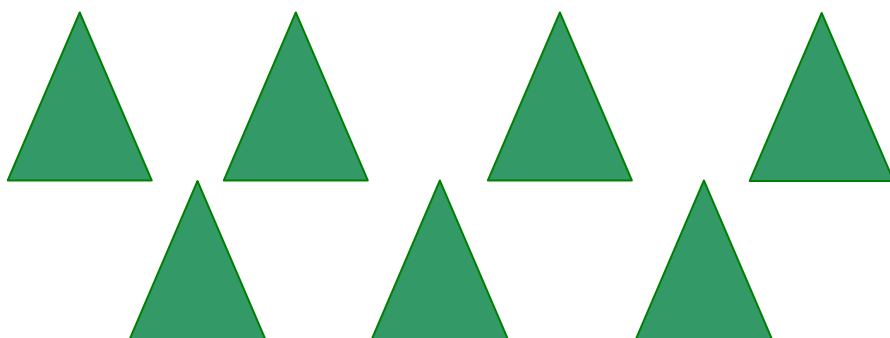
$$\textcircled{x} - \underline{5} = \underline{2}$$

$$x = 5 + 2$$

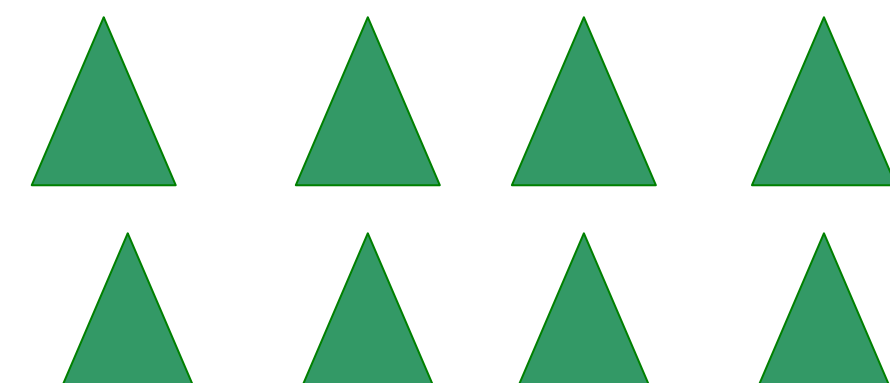
$$\underline{x = 7}$$

Круглые числа

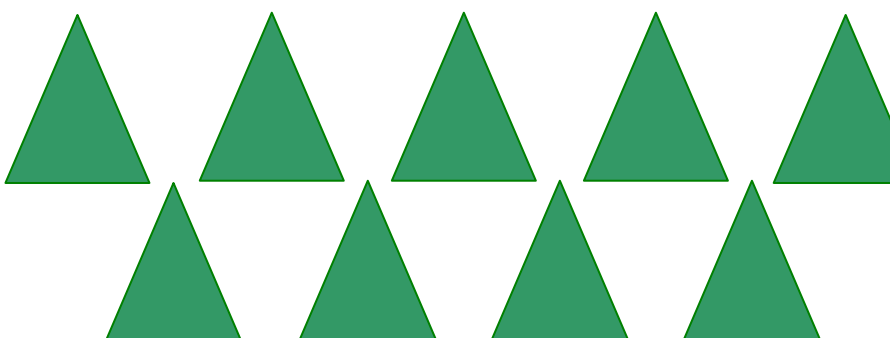
1 д =  = 10	<i>десять</i>
2 д =  = 20	<i>двадцать</i>
3 д =  = 30	<i>тридцать</i>
4 д =  = 40	<i>сорок</i>
5 д =  = 50	<i>пятьдесят</i>
6 д =  = 60	<i>шестьдесят</i>

7 д =  = **70**

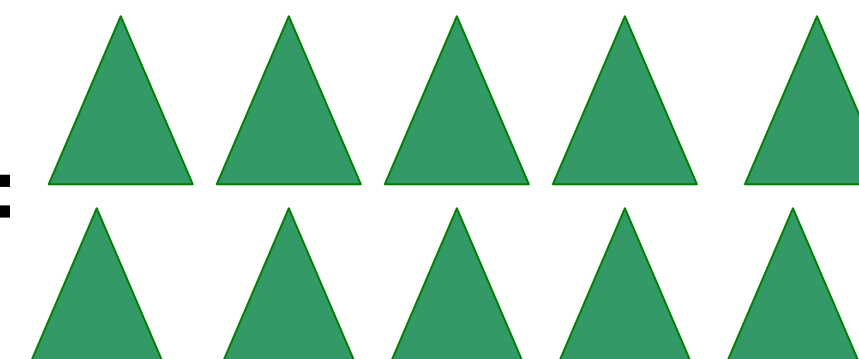
семьдесят

8 д =  = **80**

восемьдесят

9 д =  = **90**

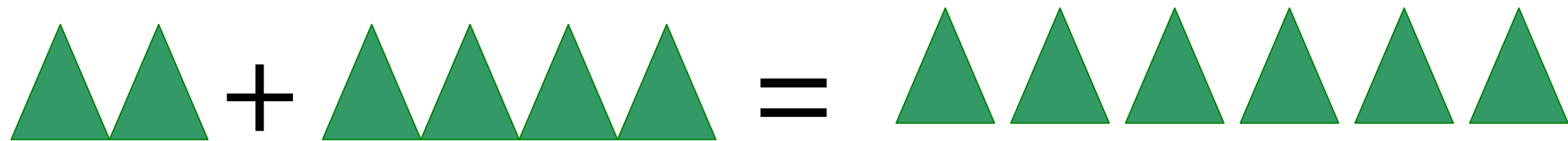
девяносто

10 д =  = **100**

сто

Сложение и вычитание круглых чисел

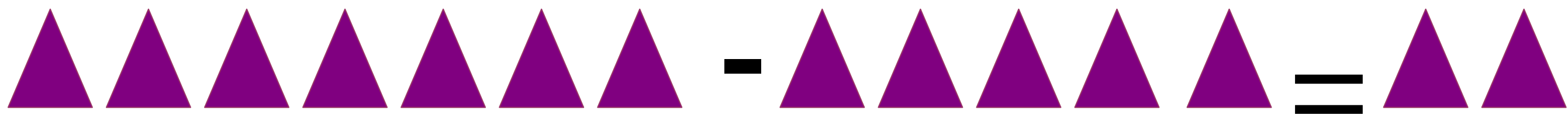
$$20 + 40$$



$$2 \text{ д} + 4 \text{ д} = 6 \text{ д}$$

$$20 + 40 = 60$$

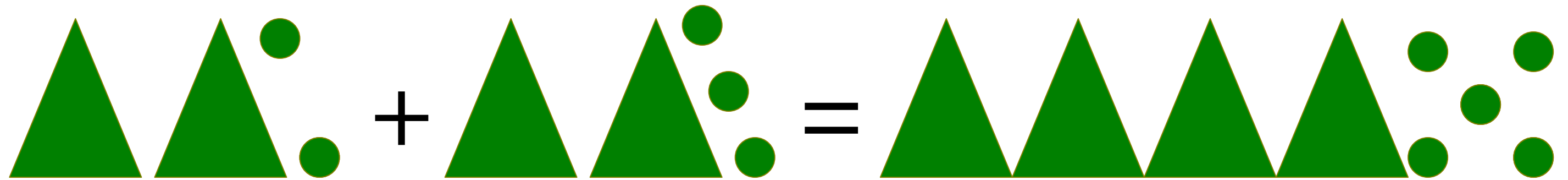
$$70 - 50$$



$$7 \text{ д} - 5 \text{ д} = 2 \text{ д}$$

$$70 - 50 = 20$$

Счёт десятками и единицами



$$2 \text{ д } 2 \text{ е} + 2 \text{ д } 3 \text{ е} = 4 \text{ д } 5 \text{ е}$$


$$2 \text{ дм } 2 \text{ см} + 2 \text{ дм } 3 \text{ см} = 4 \text{ дм } 5 \text{ см}$$



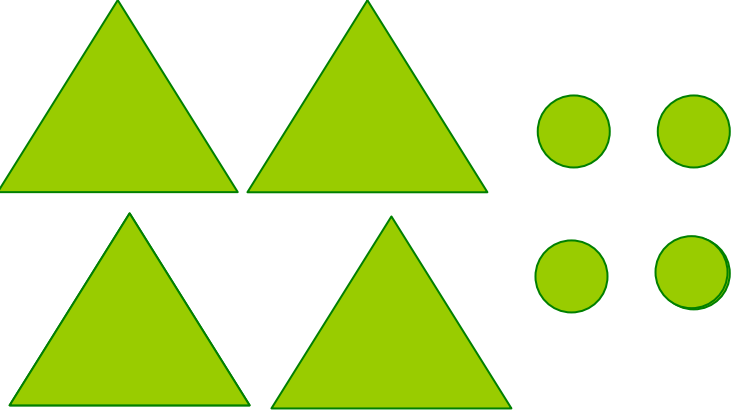
$$4 \text{ д } 6 \text{ е} - 1 \text{ д } 2 \text{ е} = 3 \text{ д } 4 \text{ е}$$

$$4 \text{ дм } 6 \text{ см} - 1 \text{ дм } 2 \text{ см} = 3 \text{ дм } 4 \text{ см}$$

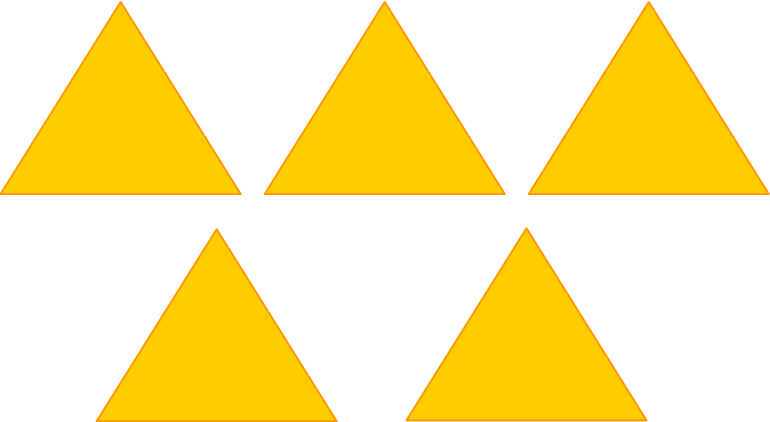
Нумерация двузначных чисел


$$= 2\text{д } 3\text{е} = 23$$

*двадцать
три*

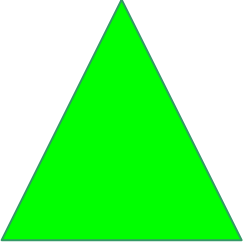
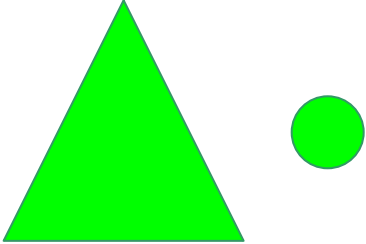
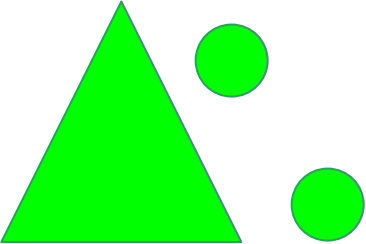
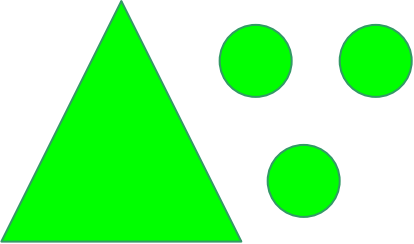
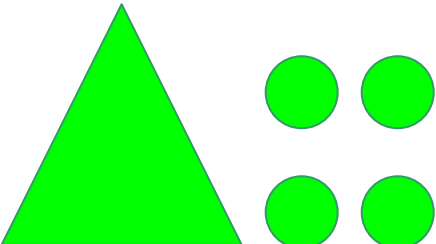

$$= 4\text{д } 4\text{е} = 44$$

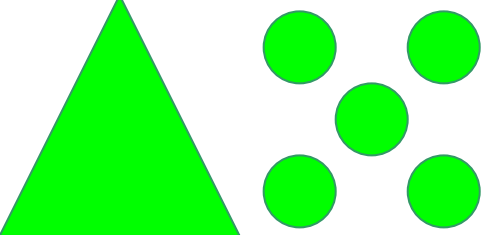
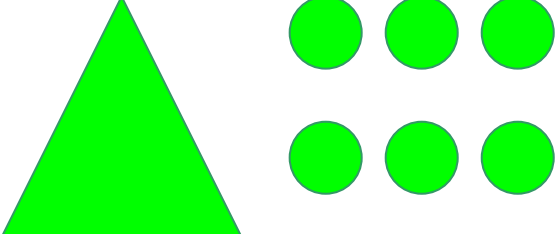
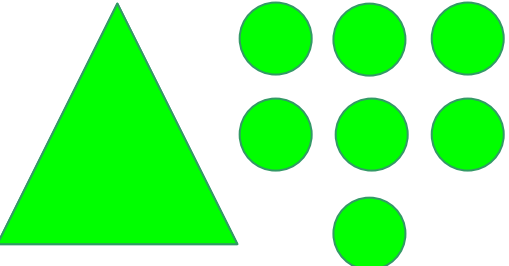
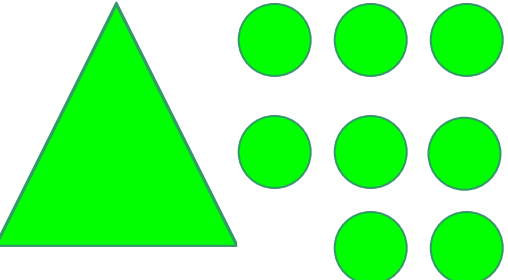
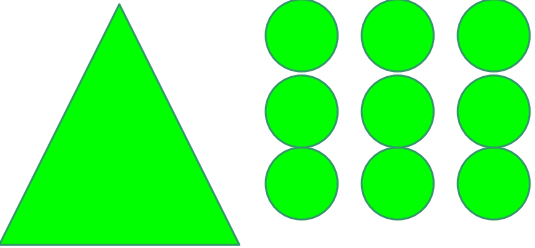
*сорок
четыре*


$$= 5\text{д } 0\text{е} = 50$$

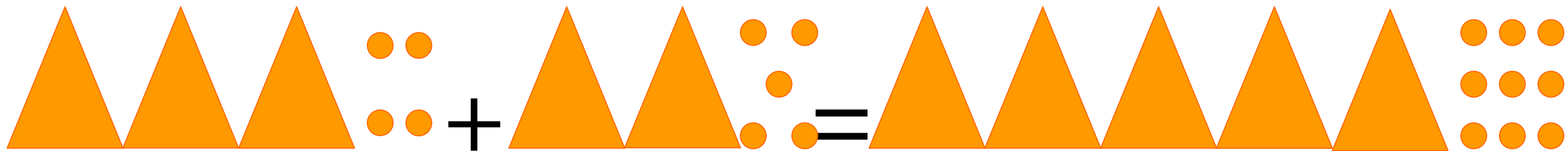
пятьдесят

Названия чисел до двадцати

 - 1 д 0 е	10 – десять
 - 1 д 1 е	11 – одиннадцать
 - 1 д 2 е	12 – двенадцать
 - 1 д 3 е	13 – тринадцать
 - 1 д 4 е	14 – четырнадцать

	- 1 д 5 е	15 – пятнадцать
	- 1 д 6 е	16 – шестнадцать
	- 1 д 7 е	17 – семнадцать
	- 1 д 8 е	18 – восемнадцать
	- 1 д 9 е	19 – девятнадцать

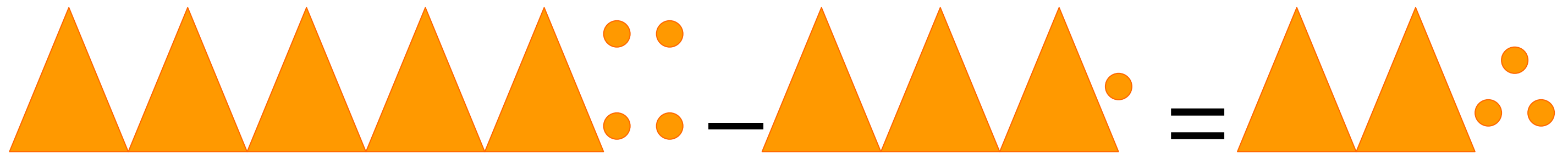
Сложение двузначных чисел



$$34 + 25 = 59$$

**Чтобы сложить
двузначные числа, надо
к десяткам прибавить десятки,
а к единицам – единицы.**

Вычитание двузначных чисел



$$54 - 31 = 23$$

Чтобы вычесть

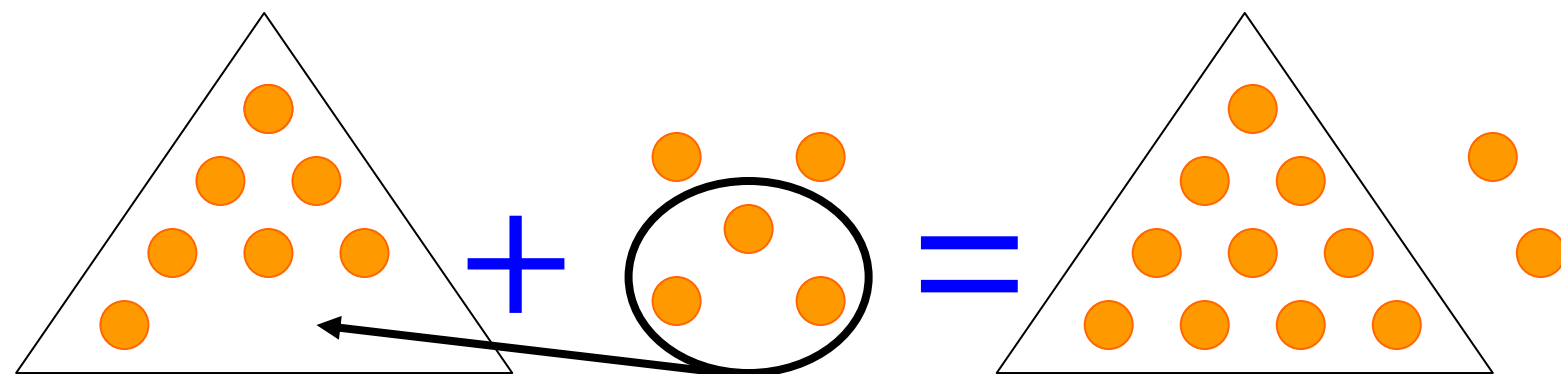
двузначные числа, надо

из десятков вычесть десятки,

а из единиц — единицы.

Сложение

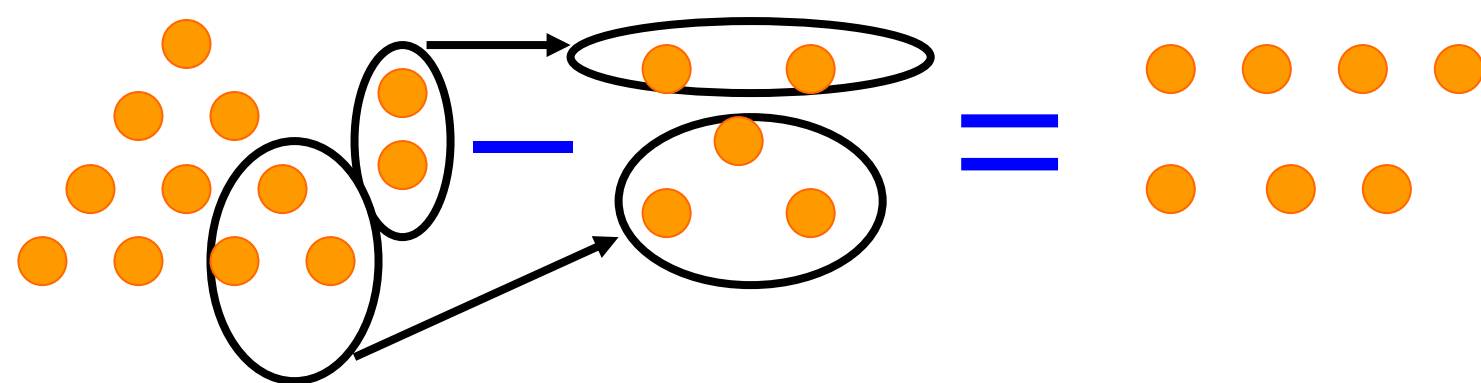
с переходом через разряд



$$7 + 5 = 7 + 3 + 2 = 10 + 2$$

Вычитание

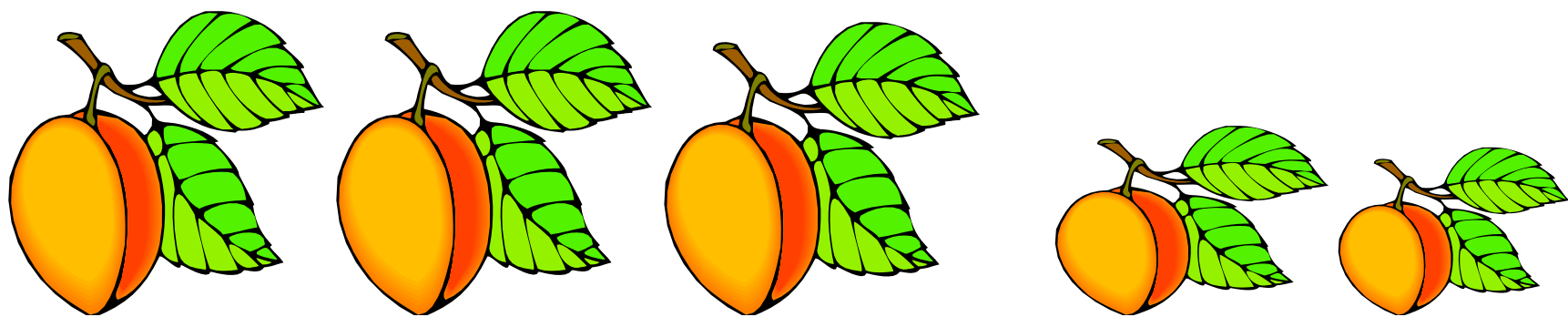
с переходом через разряд



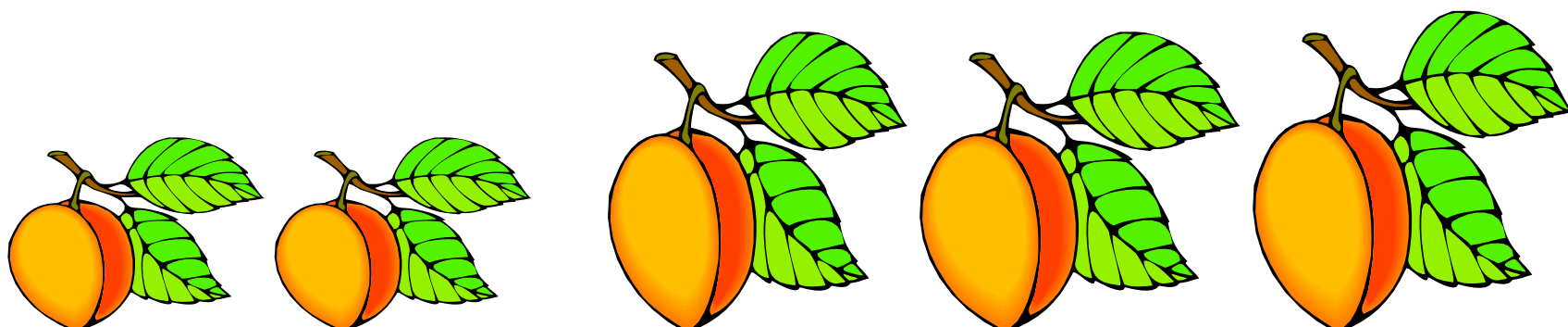
$$12 - 5 = 12 - 2 - 3 = 7$$

2 3

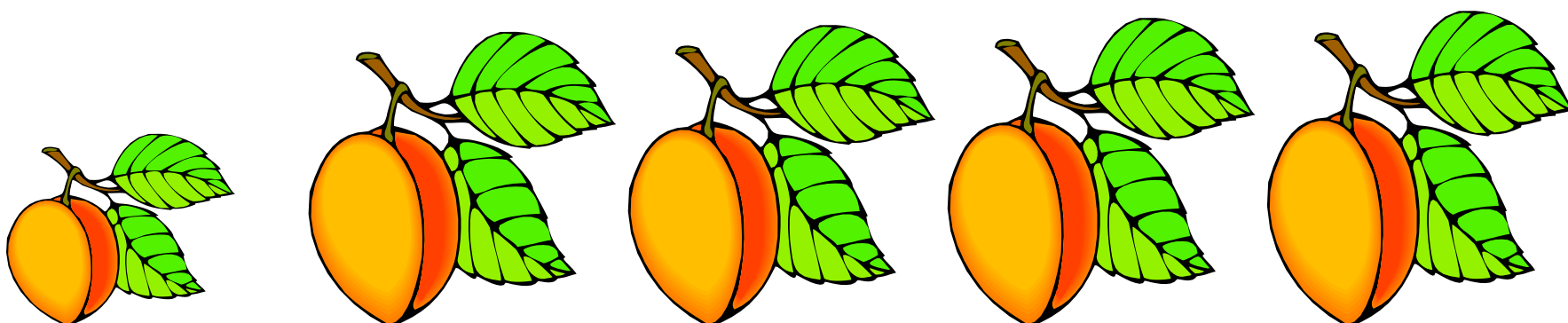
5 – ПЯТЬ



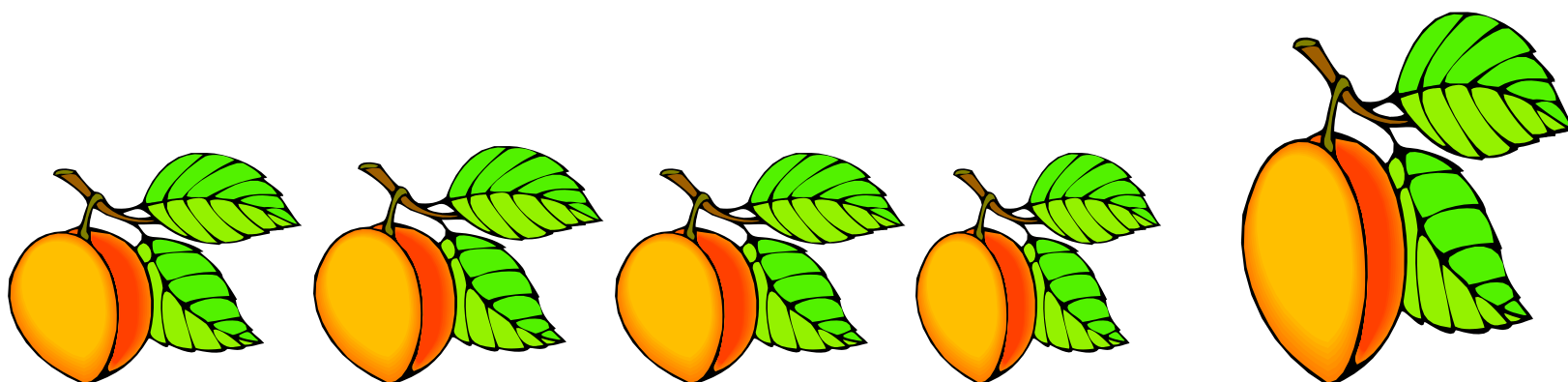
3 и 2



2 и 3

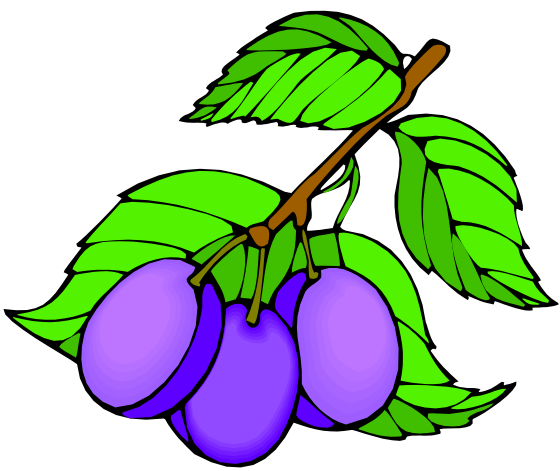


1 и 4

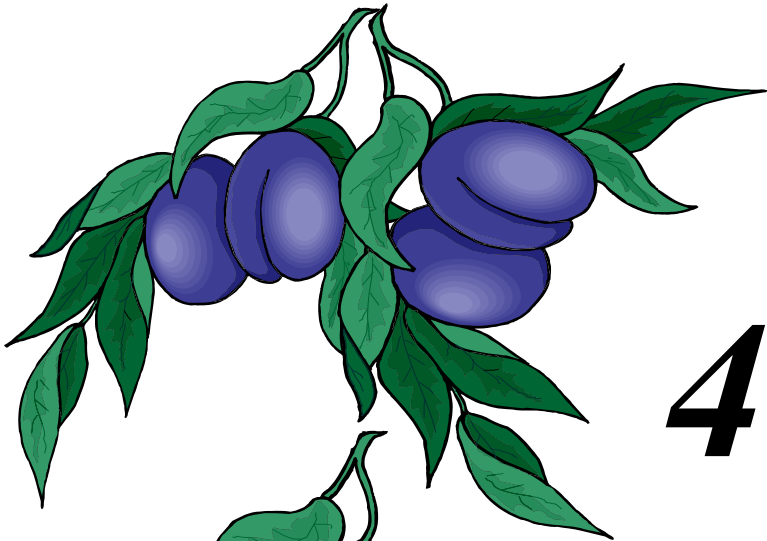
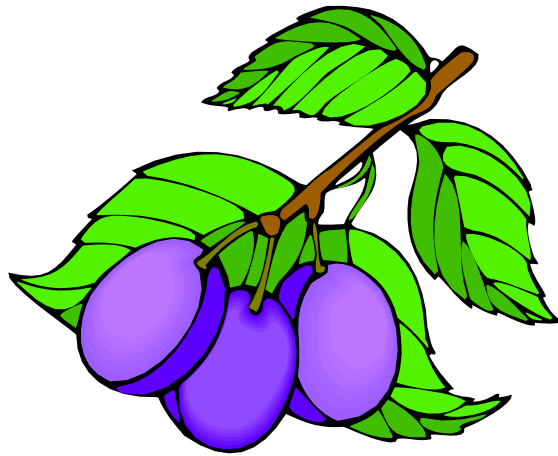


4 и 1

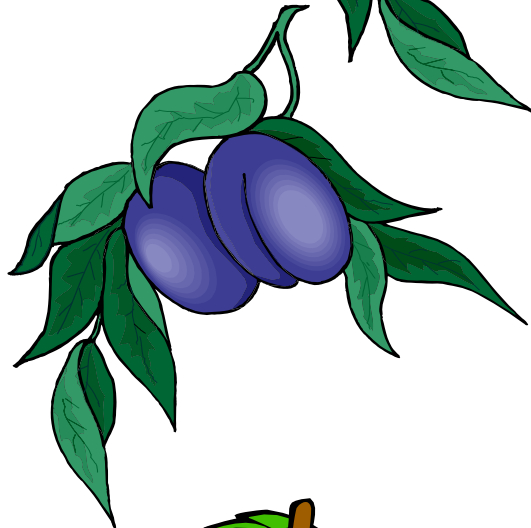
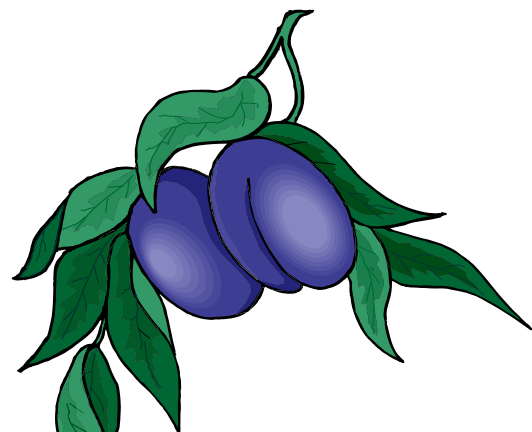
6 – шесть



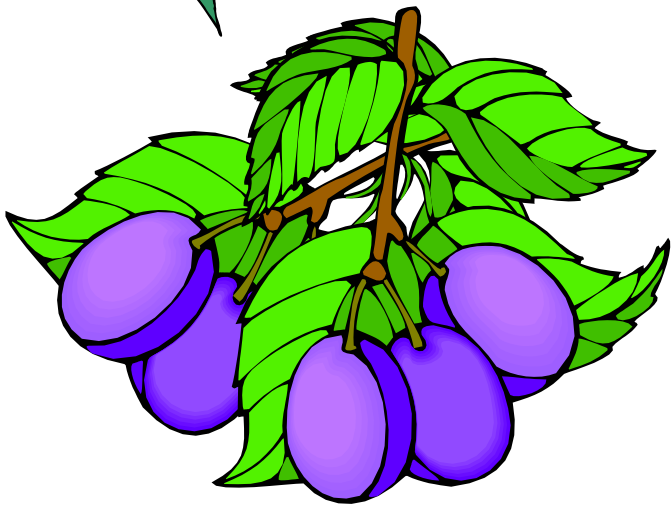
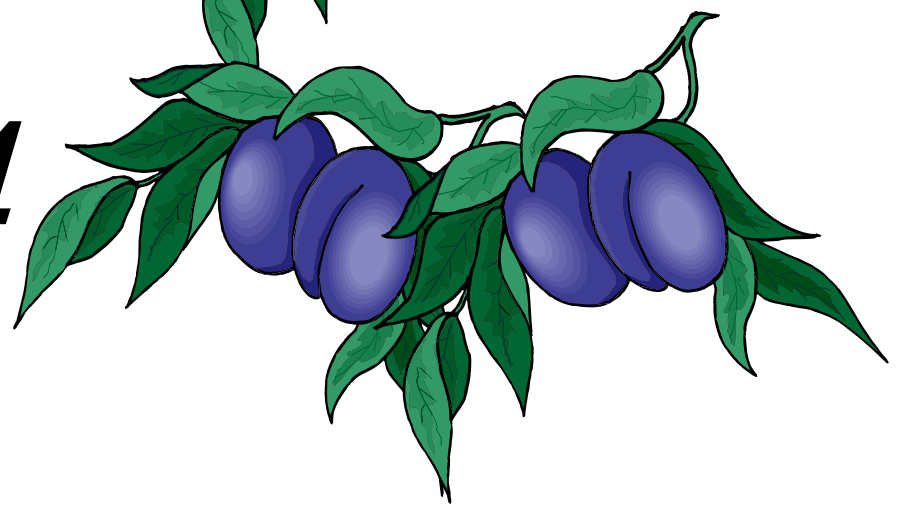
3 и 3



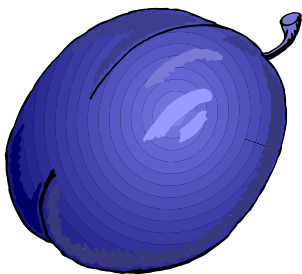
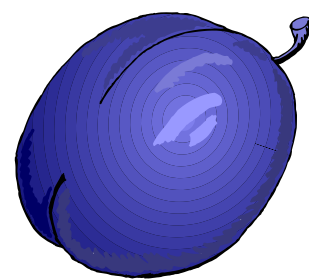
4 и 2



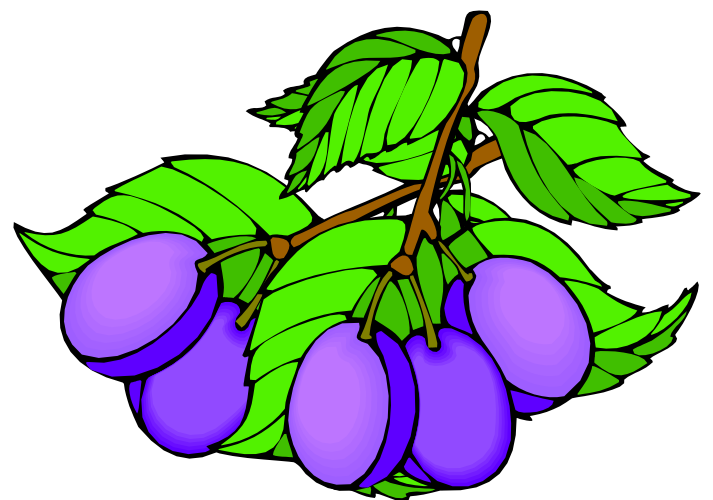
2 и 4



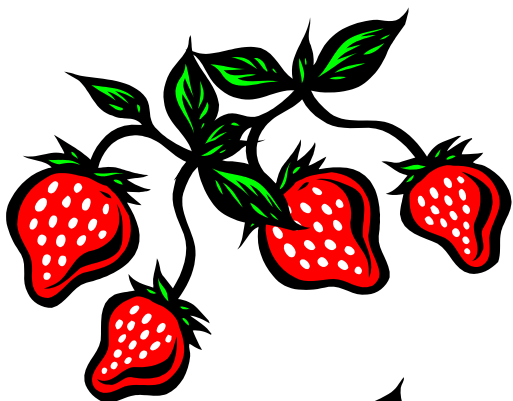
5 и 1



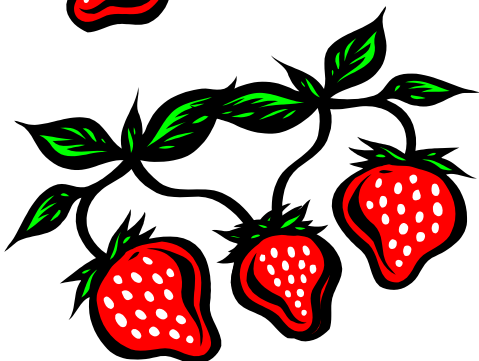
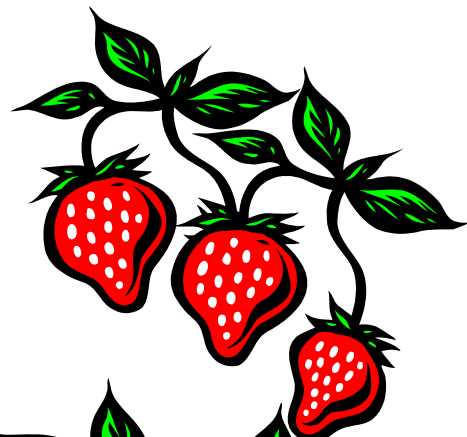
1 и 5



7 – семь



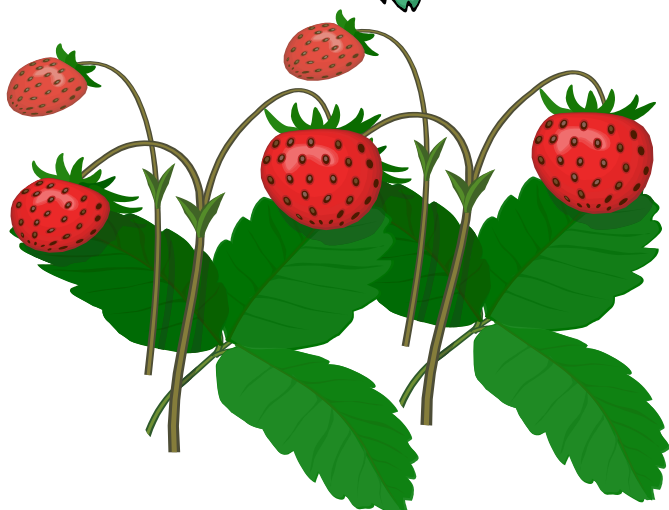
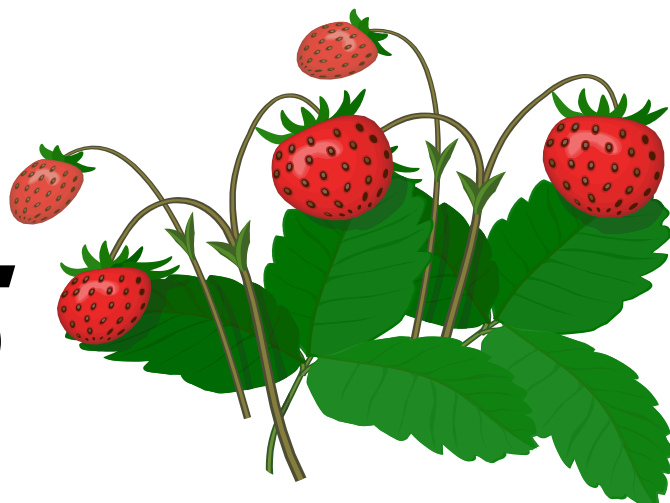
4 и 3



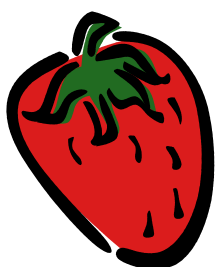
3 и 4



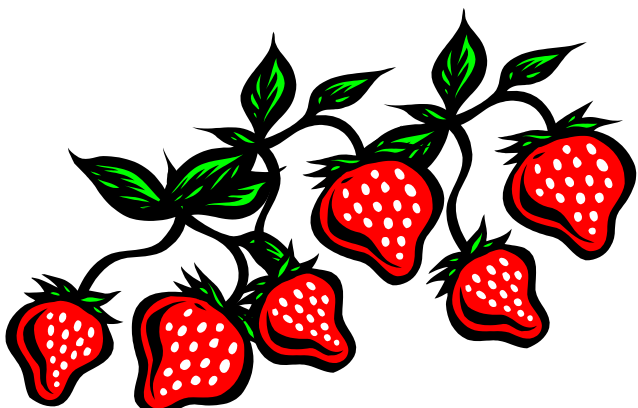
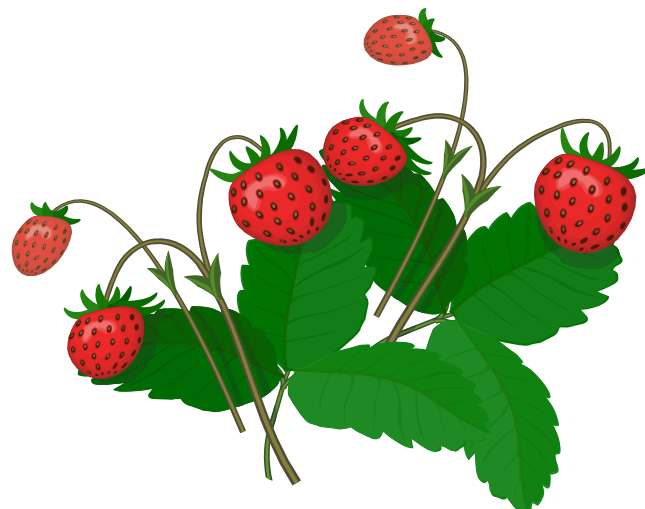
2 и 5



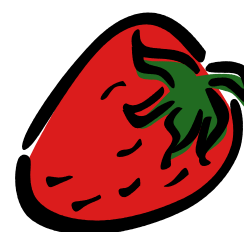
5 и 2



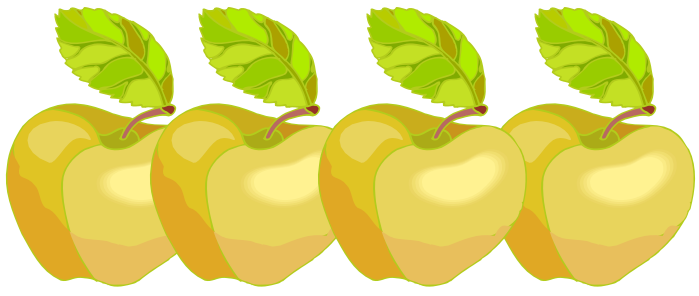
1 и 6



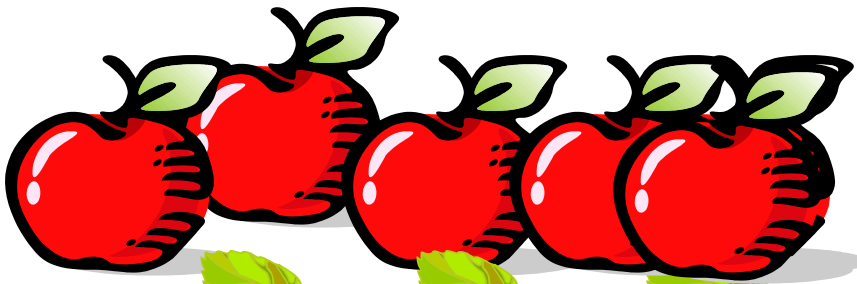
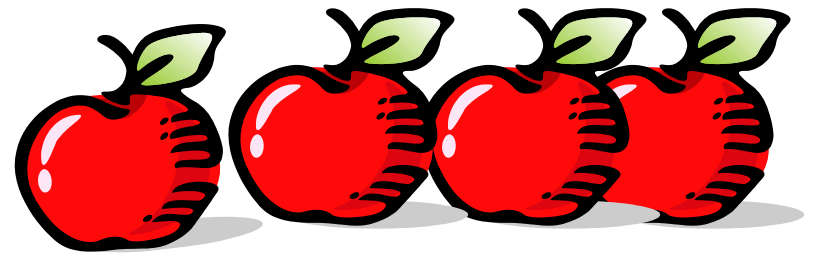
6 и 1



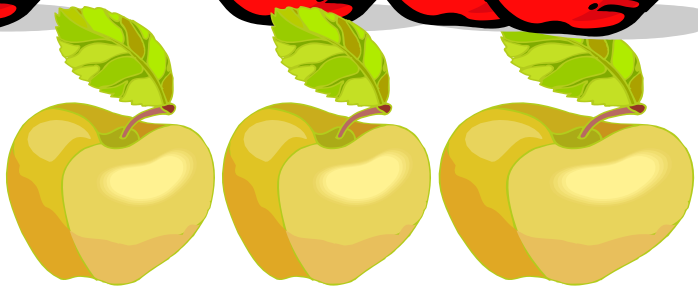
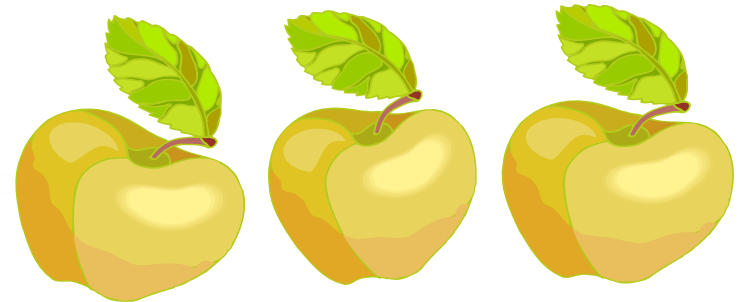
8 – ВОСЕМЬ



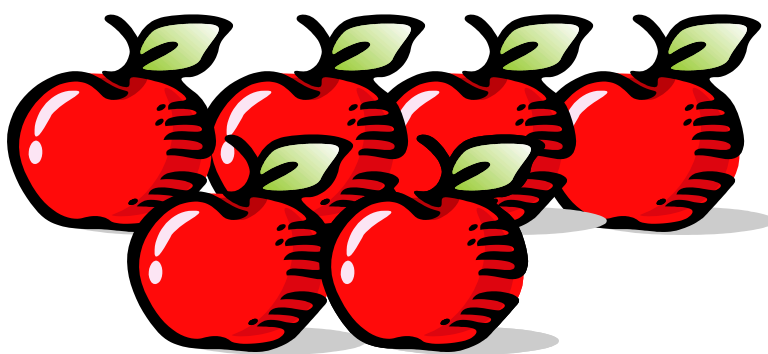
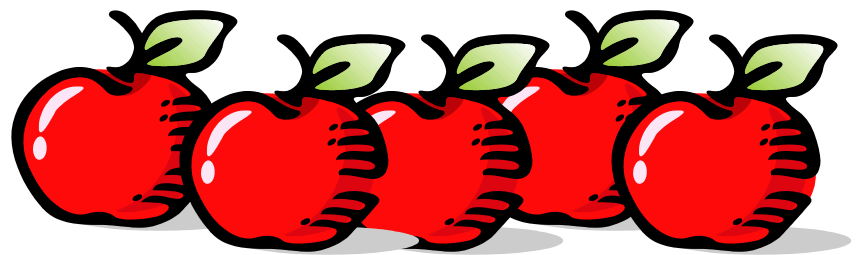
4 и 4



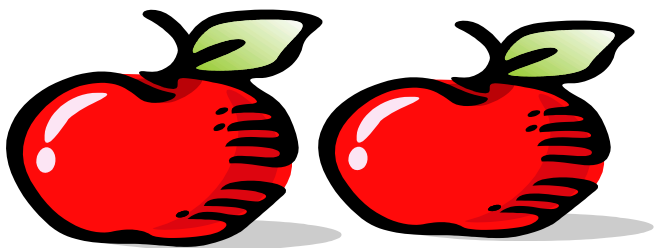
5 и 3



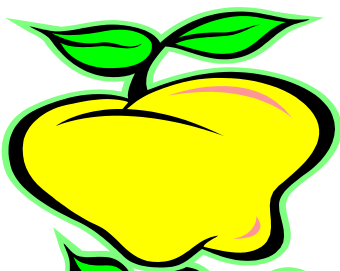
3 и 5



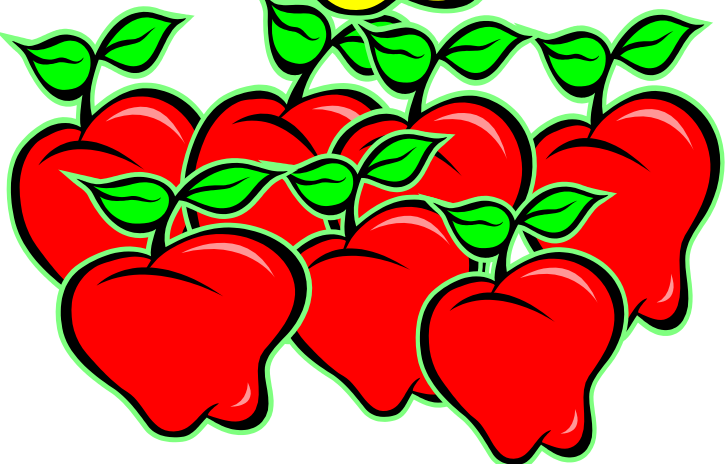
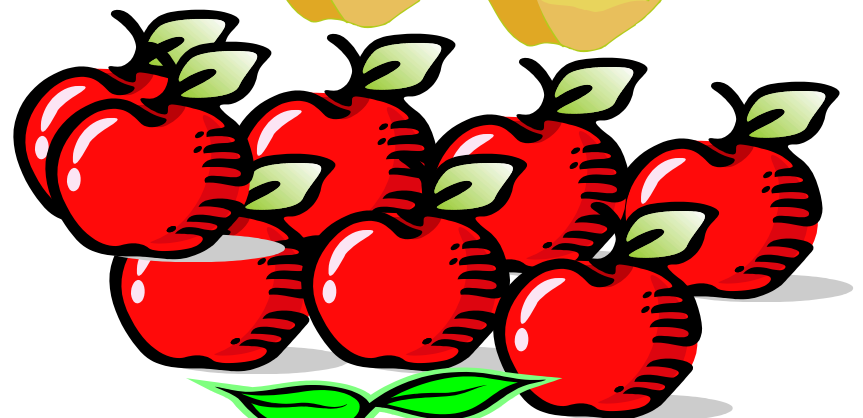
6 и 2



2 и 6



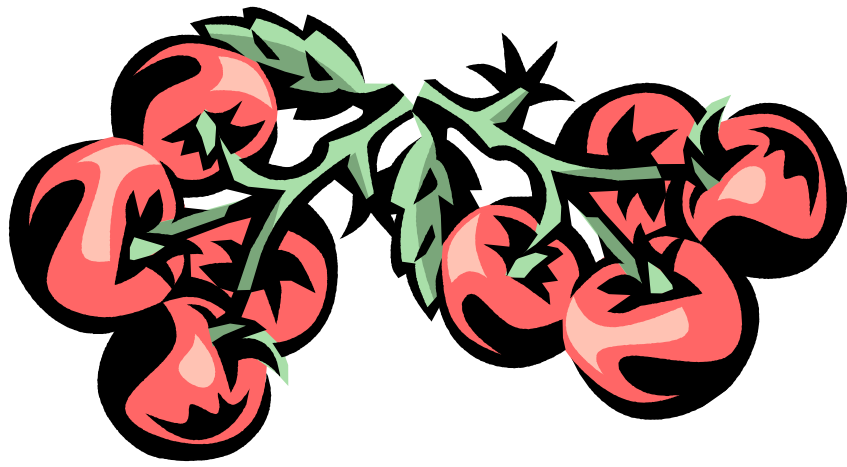
1 и 7



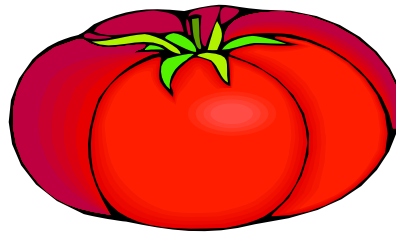
7 и 1



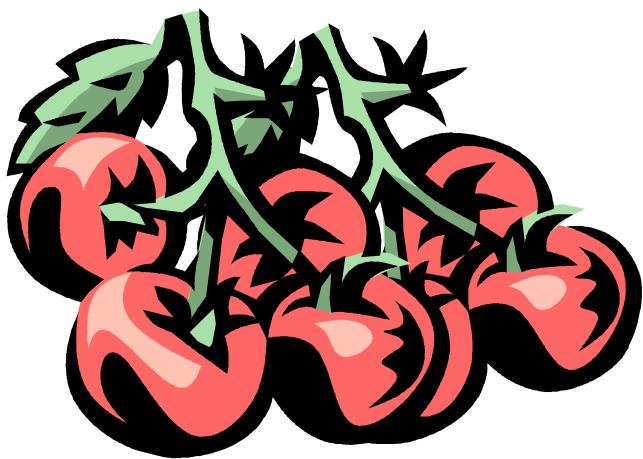
9 – девять



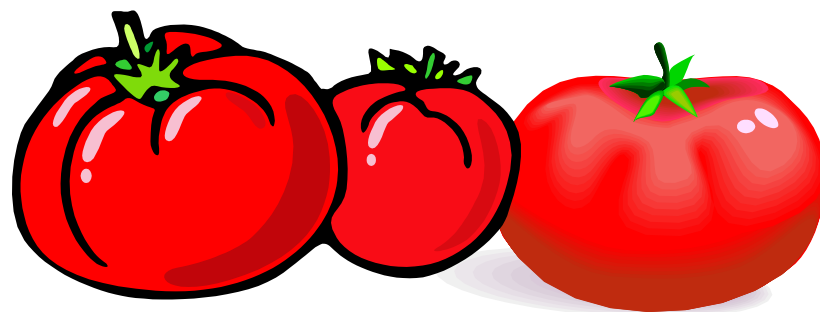
8 и 1



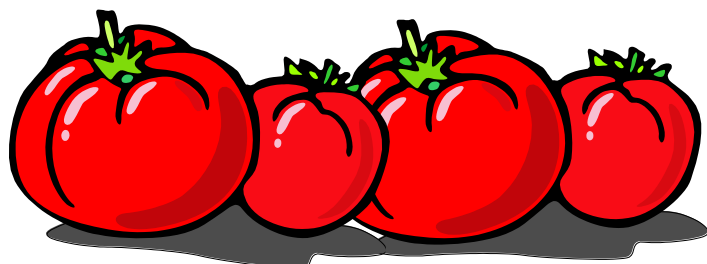
1 и 8



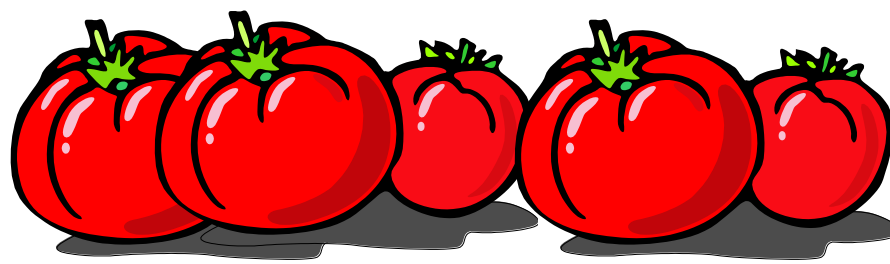
6 и 3



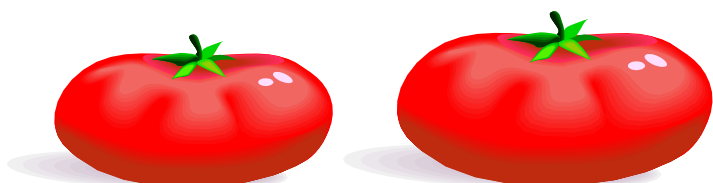
3 и 6



4 и 5



5 и 4

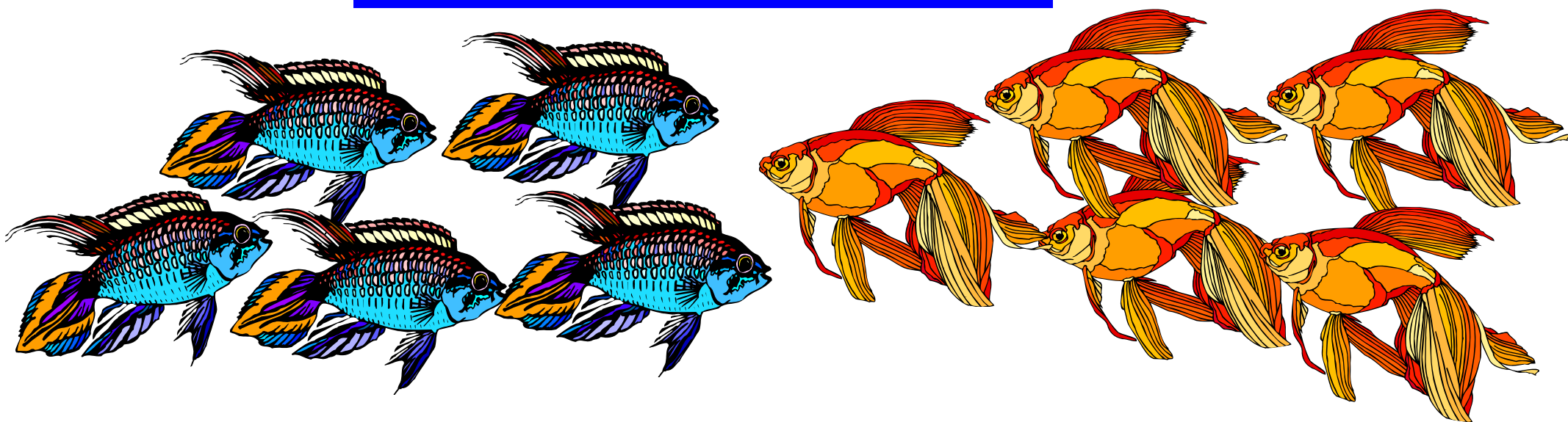


2 и 7

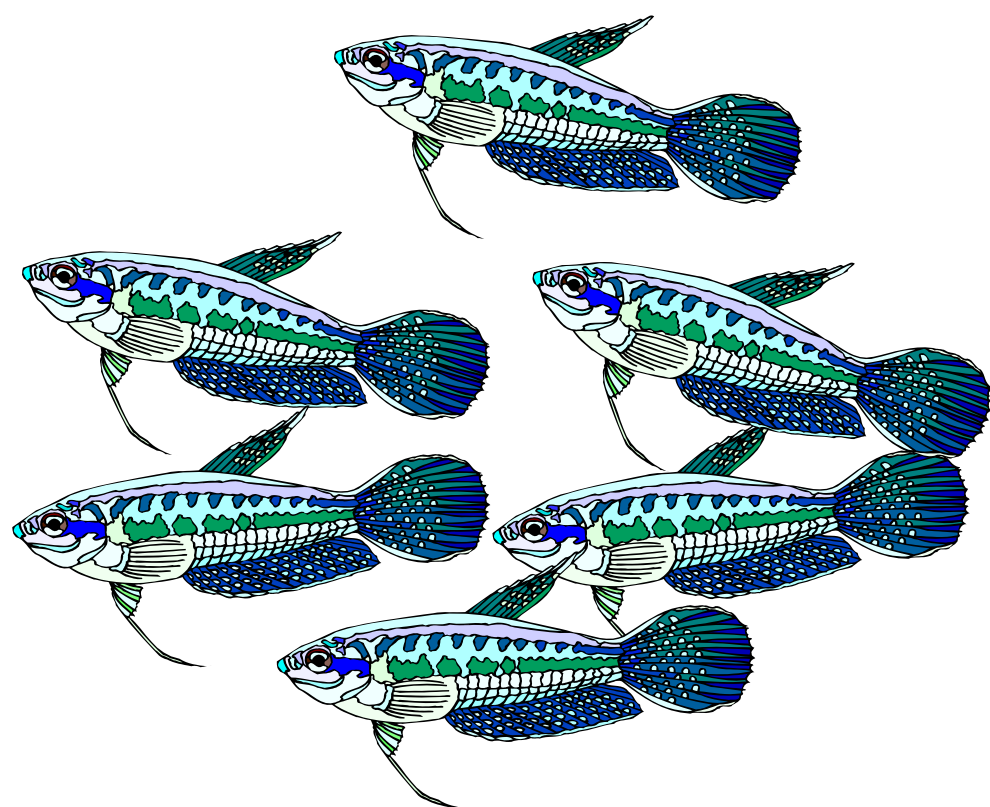
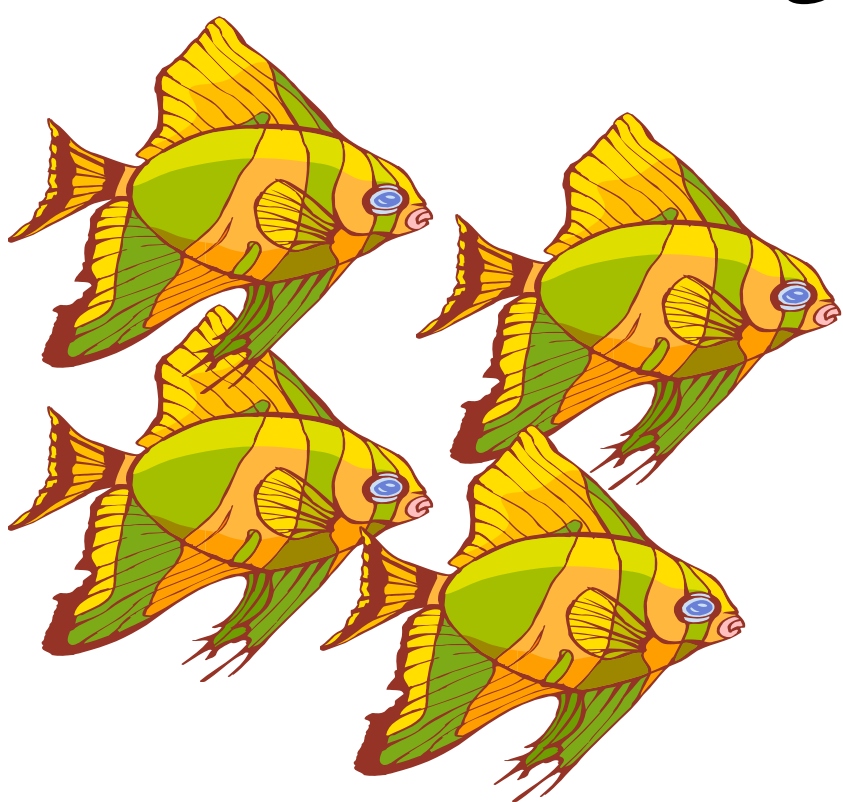


7 и 2

10 – десять

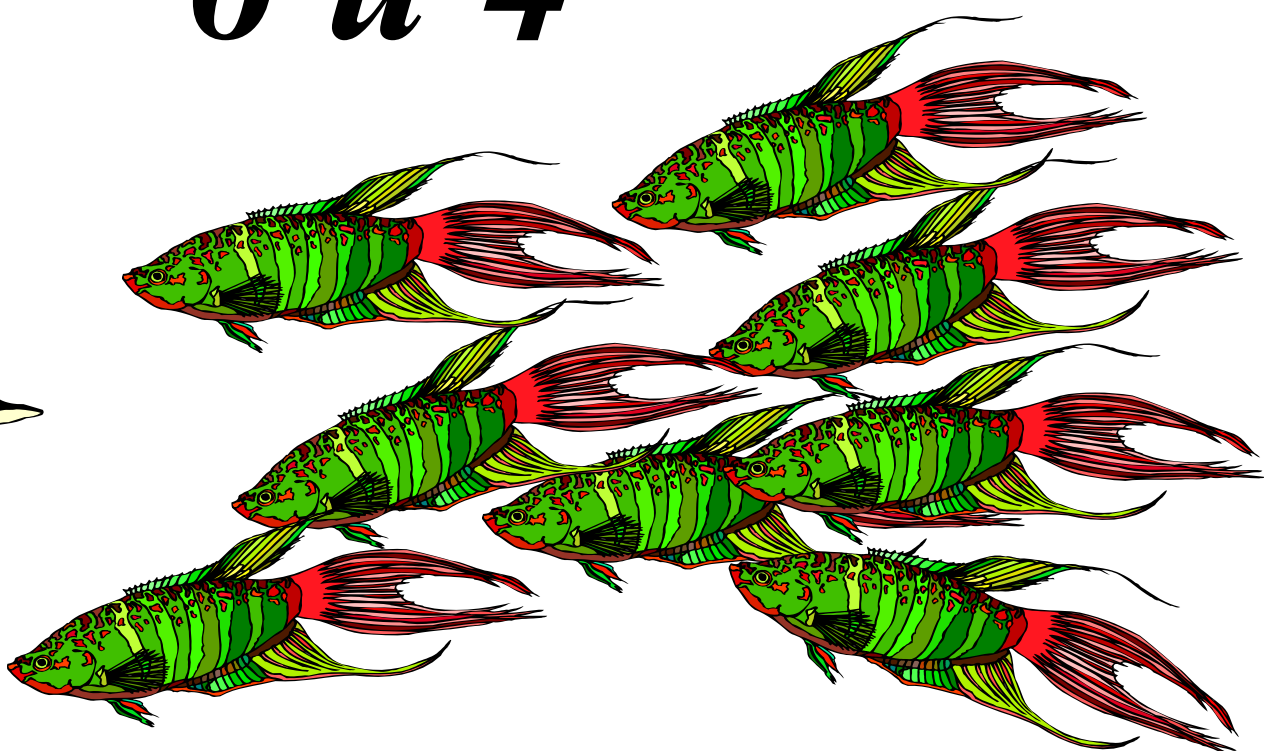


5 и 5



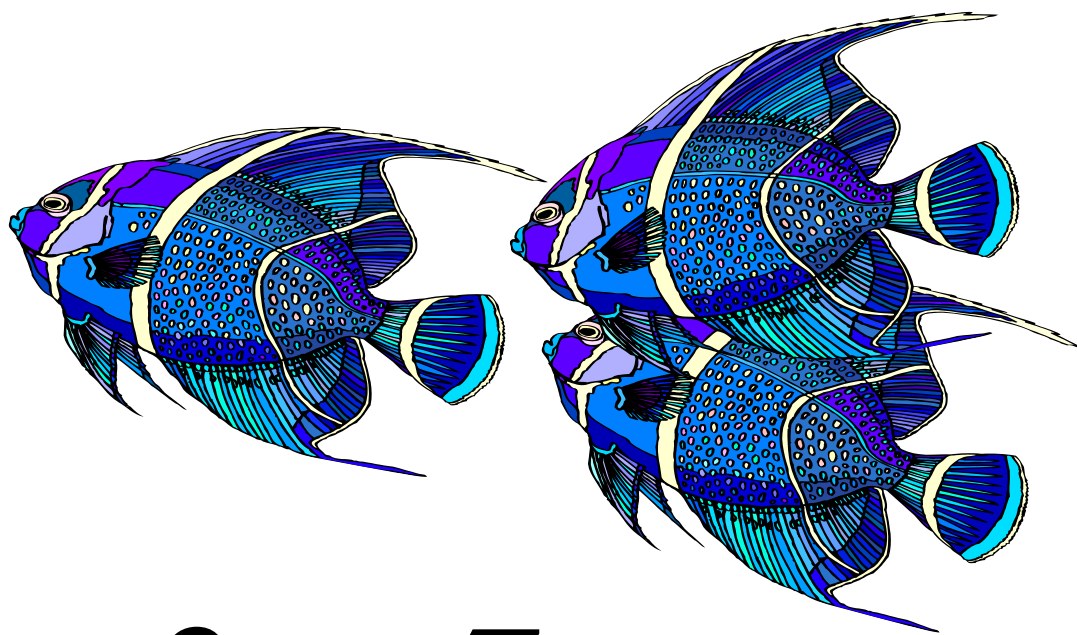
4 и 6

6 и 4

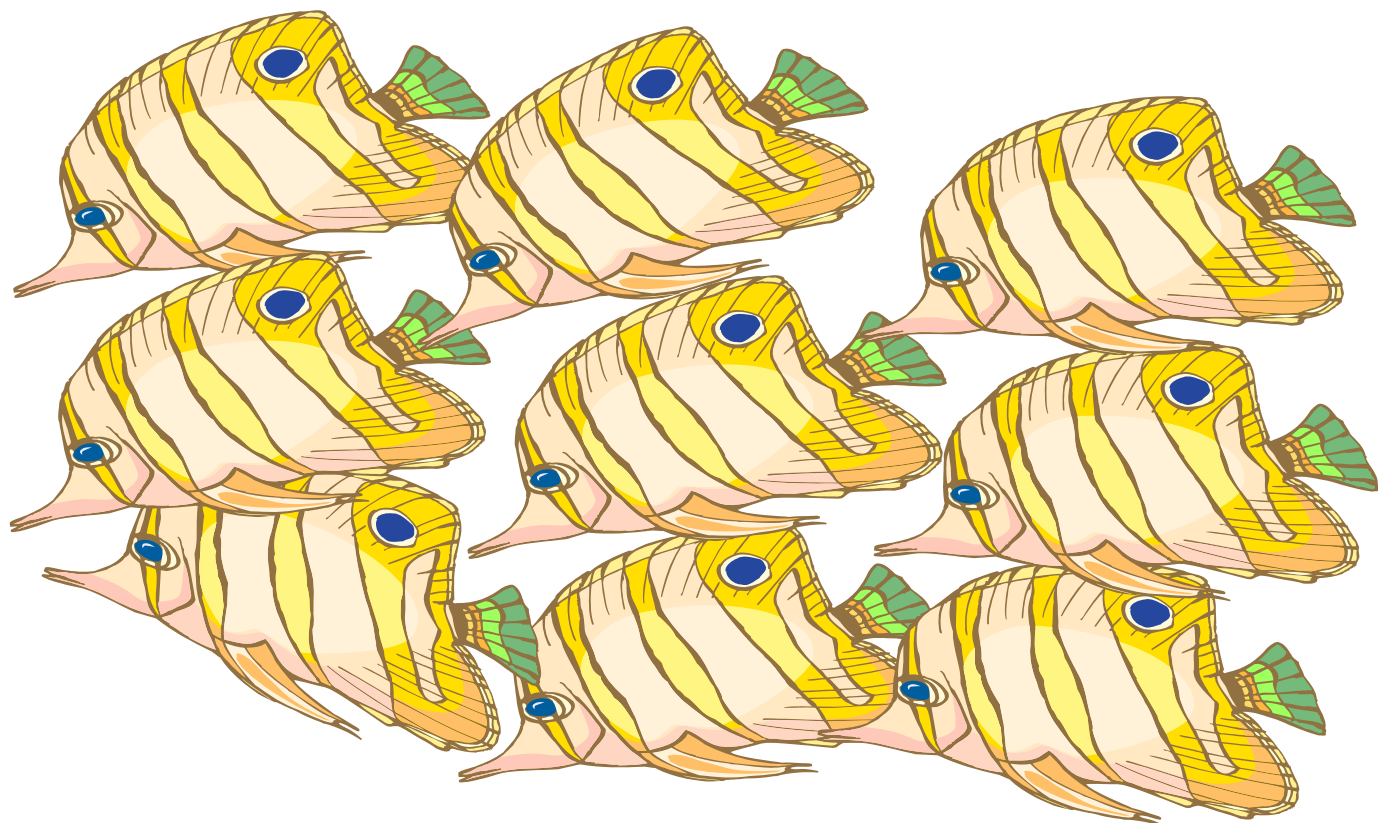
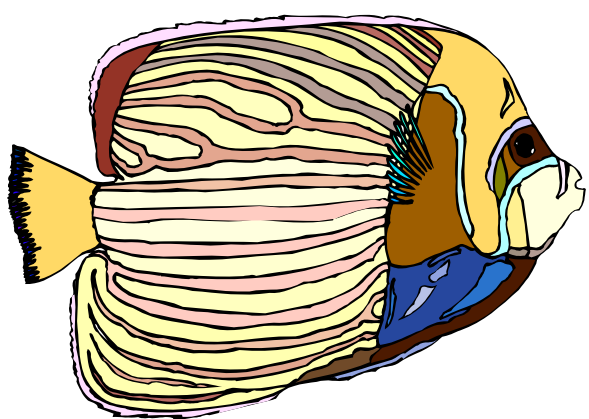


2 и 8

8 и 2

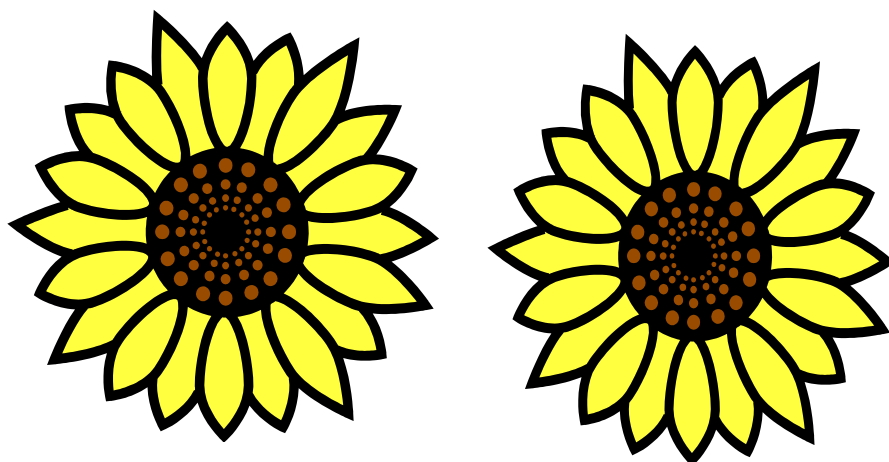
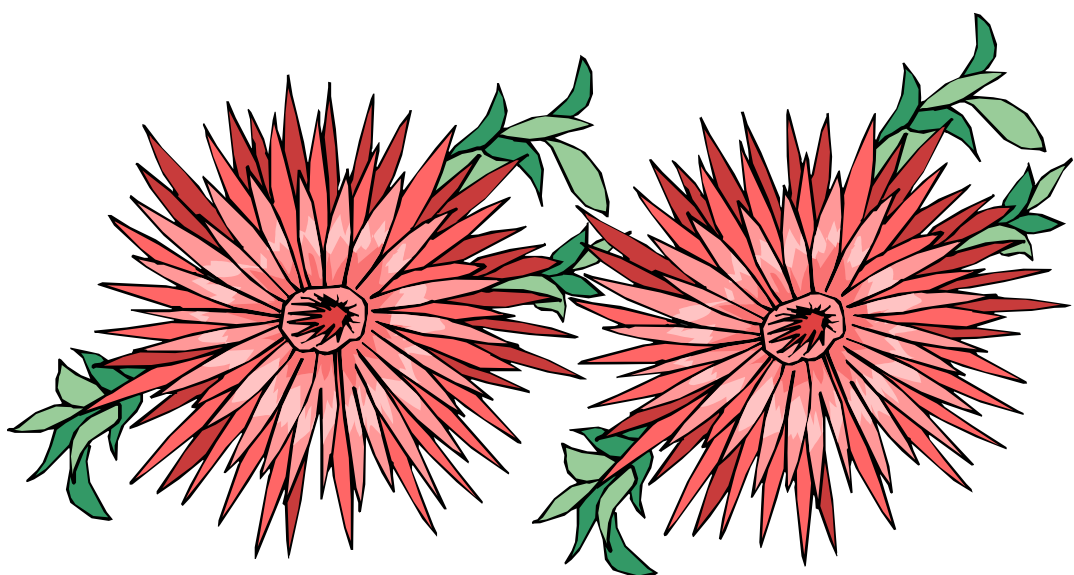


7 u 3 3 u 7

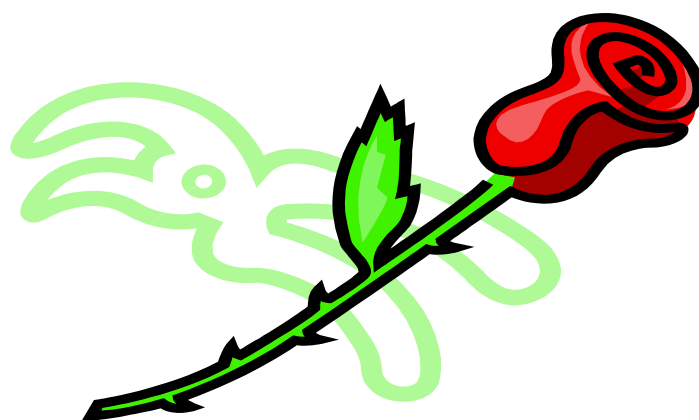


1 u 9 9 u 1

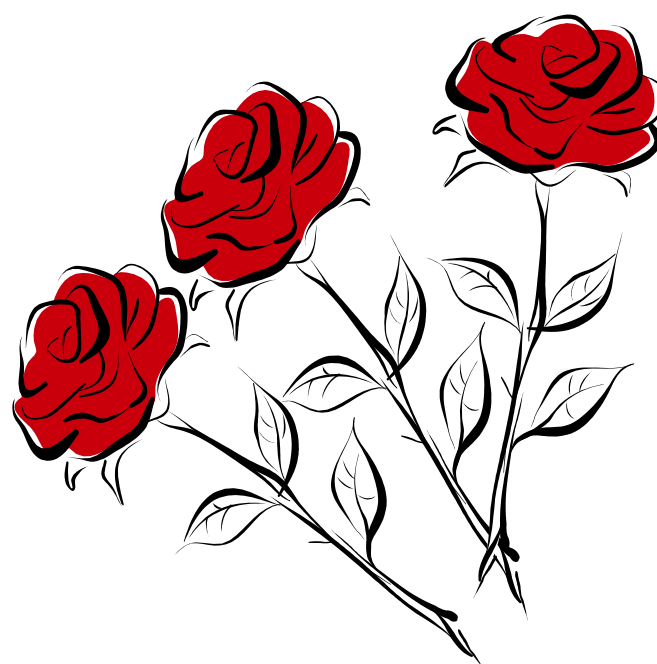
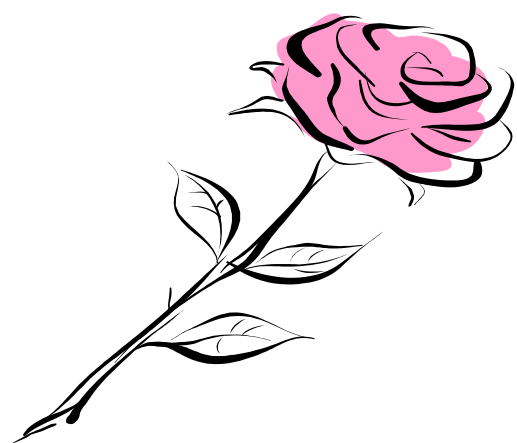
4 – четыре



2 и 2

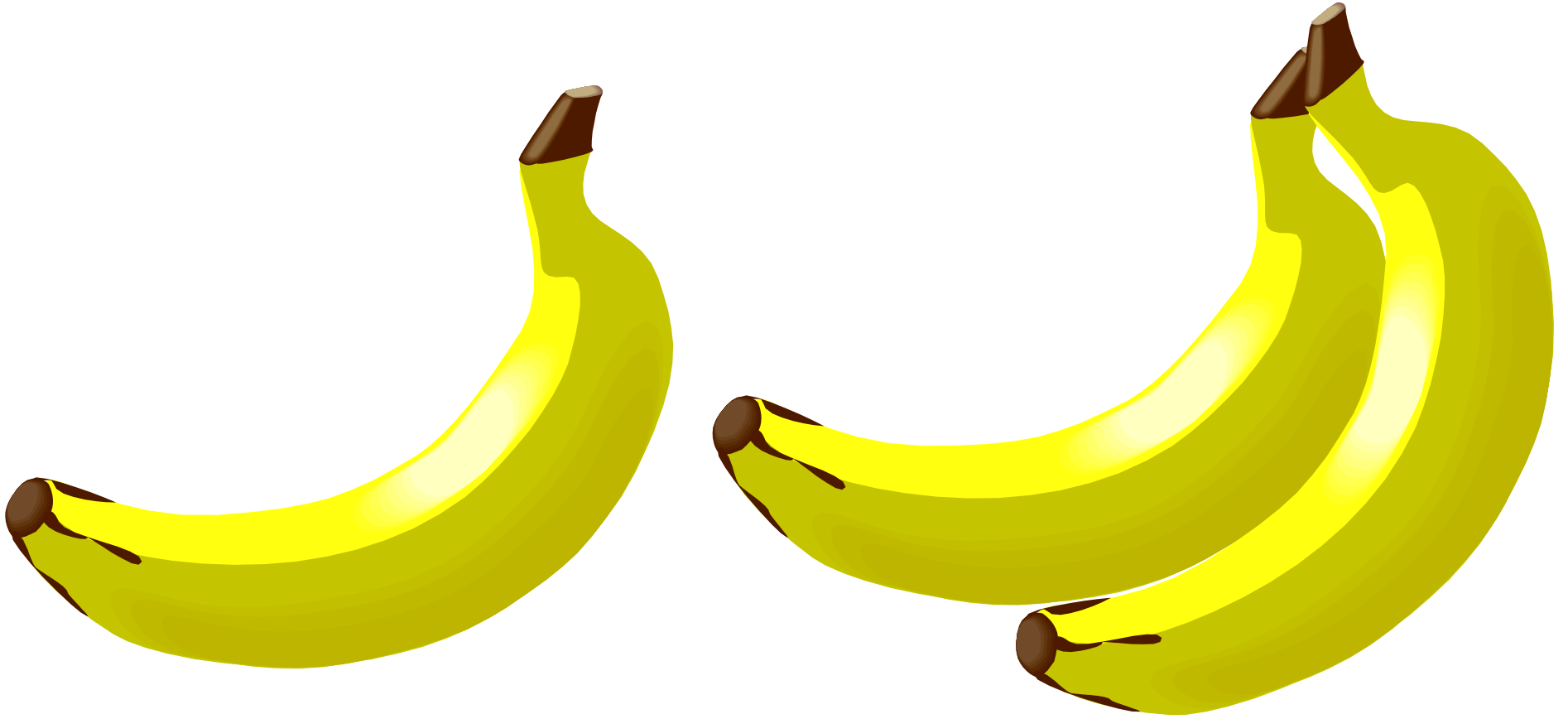


3 и 1

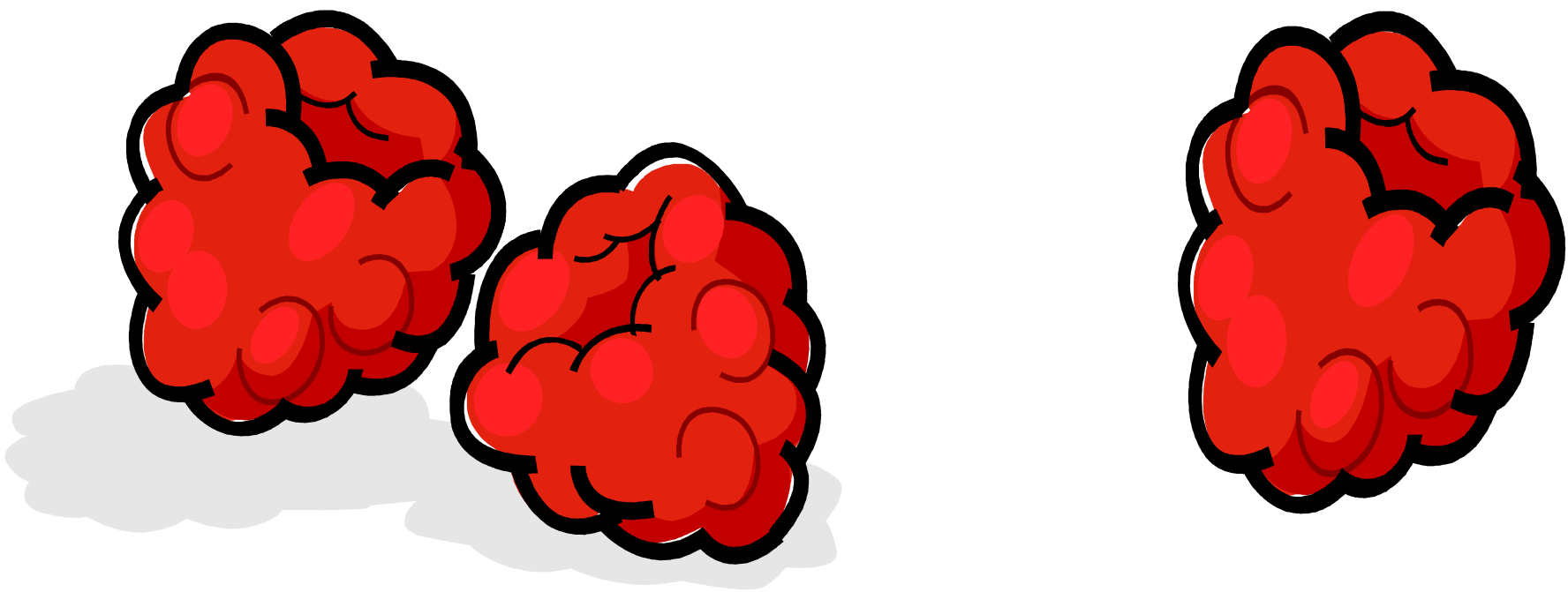


1 и 3

3 – три

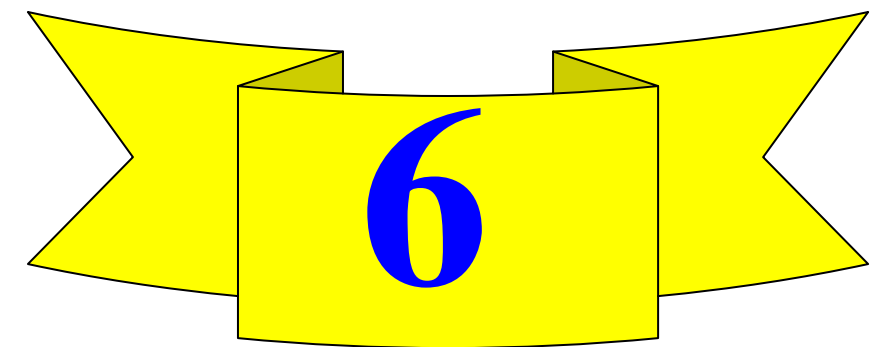
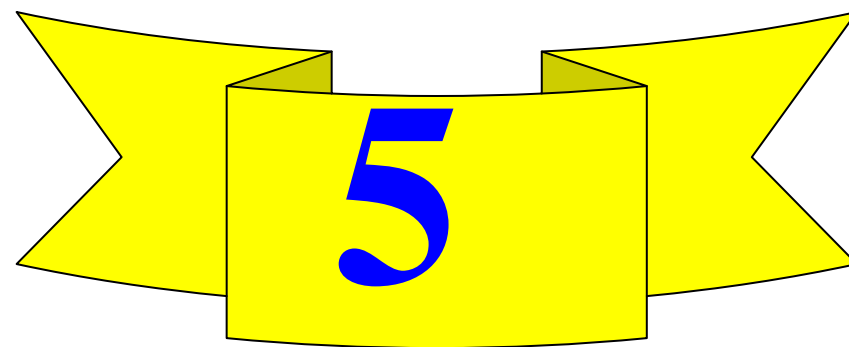
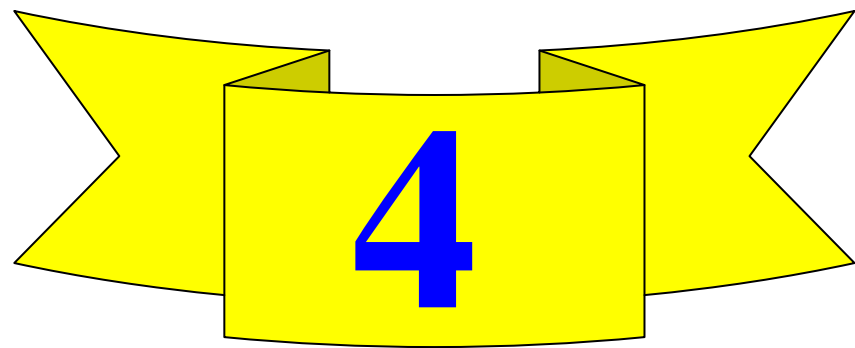


1 и 2



2 и 1

Состав чисел



$$2 \longleftrightarrow 2$$

$$3 \longleftrightarrow 2$$

$$3 \longleftrightarrow 3$$

$$1 \longleftrightarrow 3$$

$$2 \longleftrightarrow 3$$

$$2 \longleftrightarrow 4$$

$$3 \longleftrightarrow 1$$

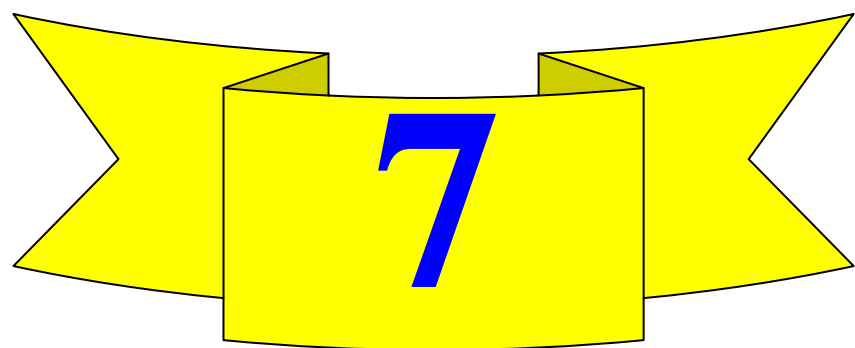
$$1 \longleftrightarrow 4$$

$$4 \longleftrightarrow 2$$

$$4 \longleftrightarrow 1$$

$$1 \longleftrightarrow 5$$

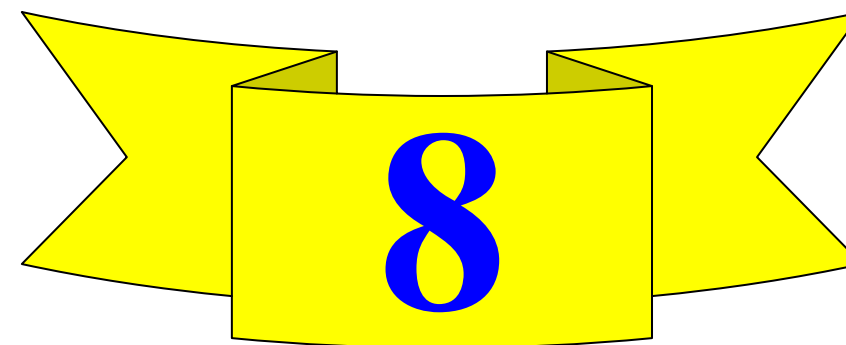
Состав чисел



$$4 \longleftrightarrow 3$$

$$1 \longleftrightarrow 6$$

$$5 \longleftrightarrow 2$$



$$4 \longleftrightarrow 4$$

$$5 \longleftrightarrow 3$$

$$2 \longleftrightarrow 6$$

$$1 \longleftrightarrow 7$$

Состав чисел

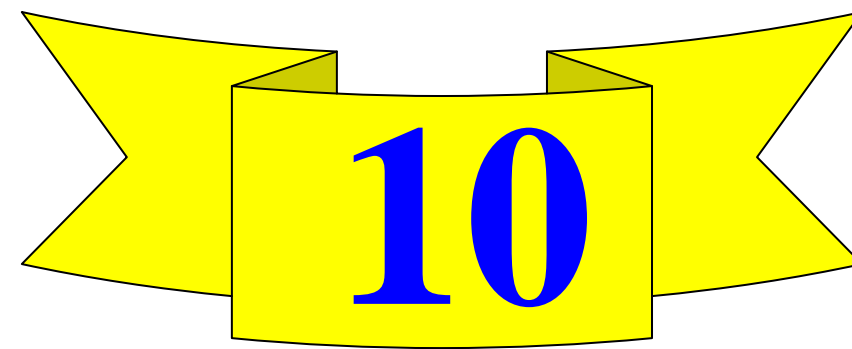


$$5 \longleftrightarrow 4$$

$$2 \longleftrightarrow 7$$

$$3 \longleftrightarrow 6$$

$$1 \longleftrightarrow 8$$



$$5 \longleftrightarrow 5$$

$$6 \longleftrightarrow 4$$

$$2 \longleftrightarrow 8$$

$$3 \longleftrightarrow 7$$