

Математик

а

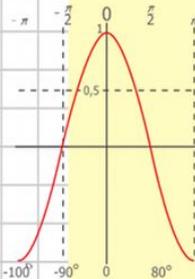
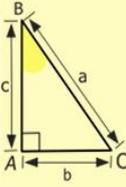
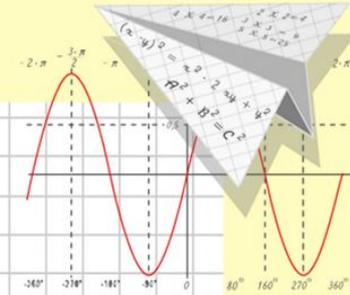
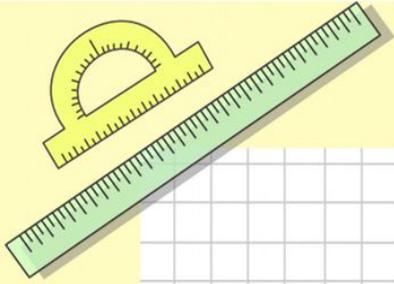
Задания для устного счёта на уроках математики в 4 классе.

(УМК «Школа России»)

Подготовила:

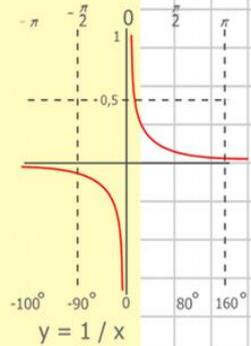
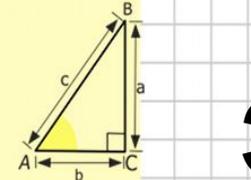
учитель начальных классов МБОУ СОШ ст. Павлодольской Моздокского р-на РСО-Алания

Павленко Елена Викторовна



$y = \cos x$

- $2 \times 2 = 4$
- $3 \times 3 = 9$
- $4 \times 4 = 16$
- $5 \times 5 = 25$
- $6 \times 6 = 36$
- $7 \times 7 = 49$
- $8 \times 8 = 64$



$$\begin{array}{r} 1 \\ 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 105000 \end{array}$$

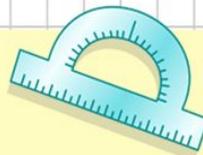


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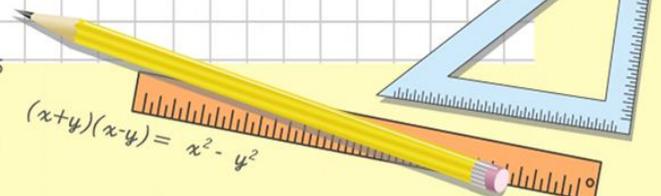
$$\sin 90^\circ = 1$$



$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

$$\begin{cases} y = 1 \\ x = 25 + 45 \end{cases}$$

$$x = 70$$



$$(x+y)(x-y) = x^2 - y^2$$

Расположи числа в порядке возрастания

111

63250

4362

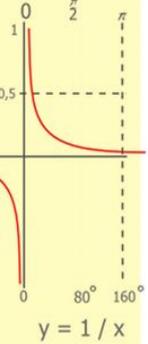
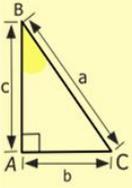
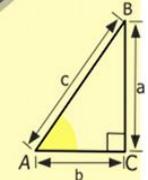
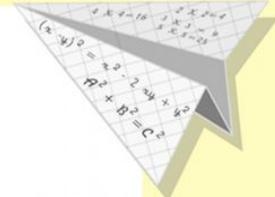
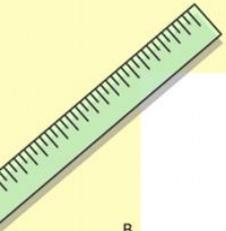
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67823000

503

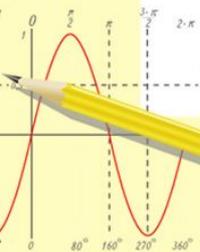
1678

32



$$\begin{array}{r} 1 \\ 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 105000 \end{array}$$

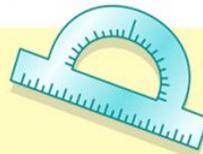
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$$\sin 90^\circ = 1$$

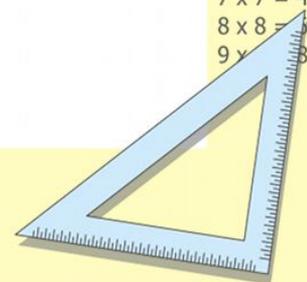


$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

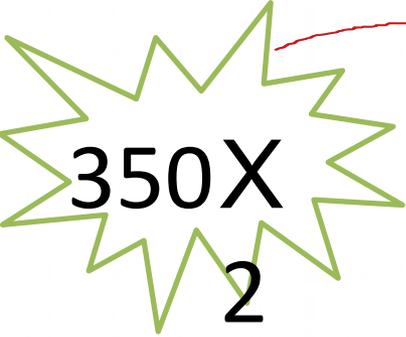
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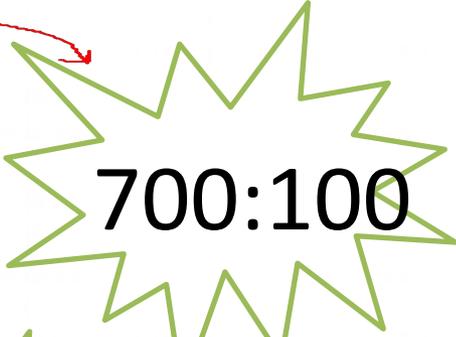
$$x = 70$$

$$(x+y)(x-y) = x^2 - y^2$$

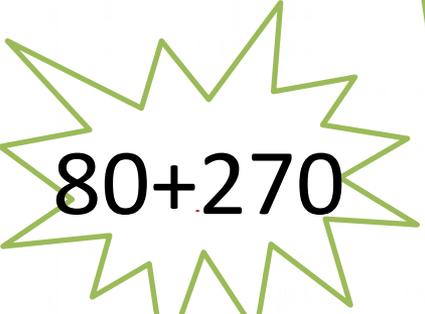


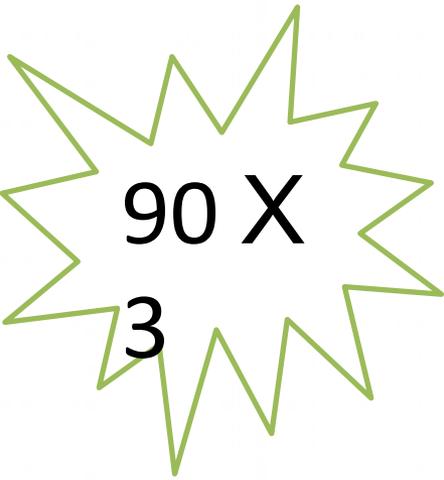
Круговые примеры


$$350 \times 2$$

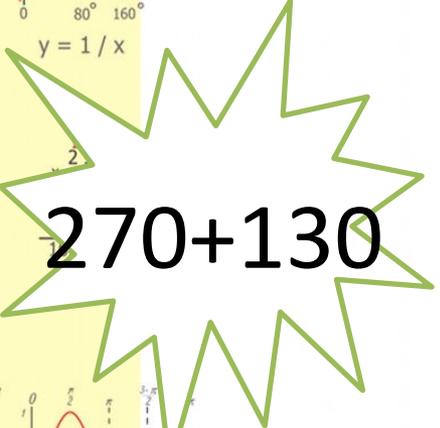

$$700 : 100$$

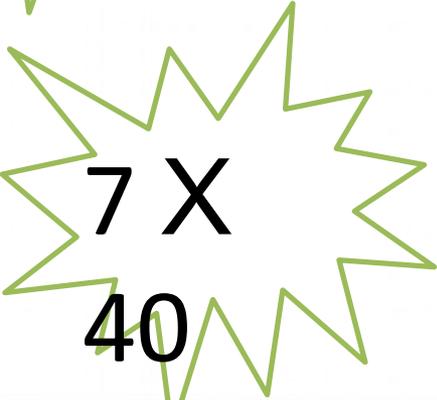

$$280 - 190$$

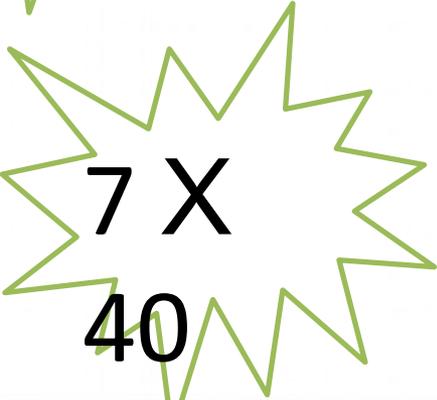

$$80 + 270$$

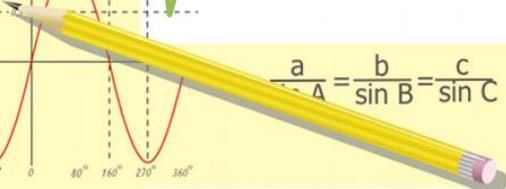

$$90 \times 3$$


$$400 : 5$$


$$270 + 130$$


$$7 \times 40$$


$$40$$


$$\frac{a}{A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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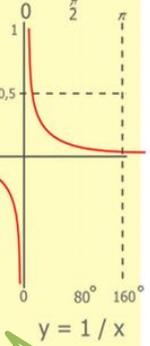
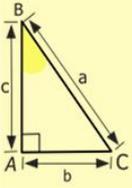
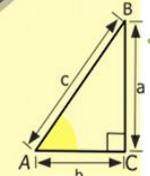
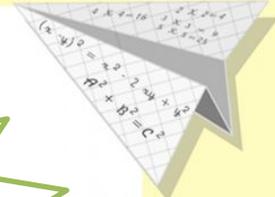
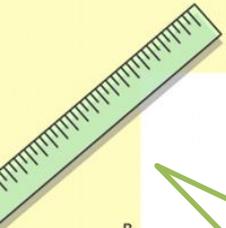
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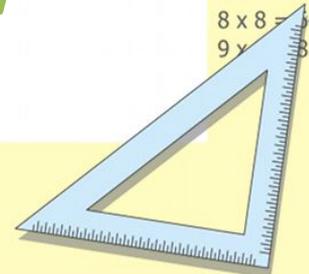
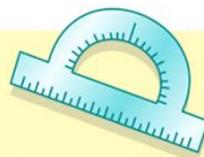
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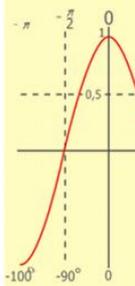
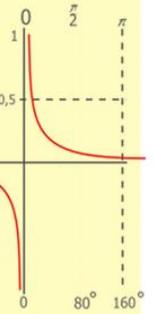
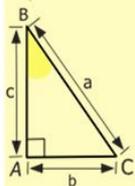
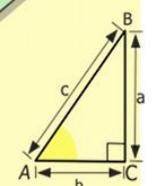
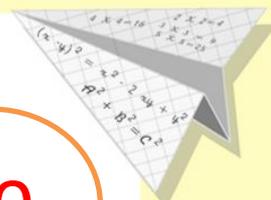
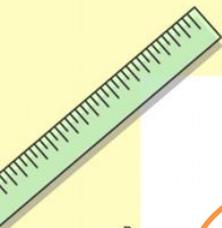
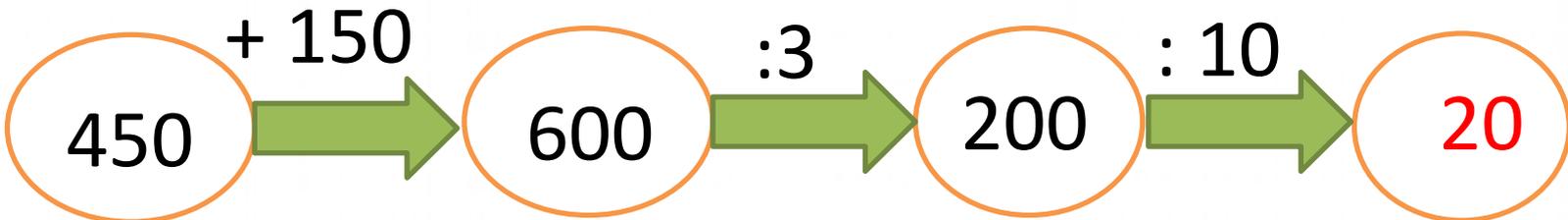
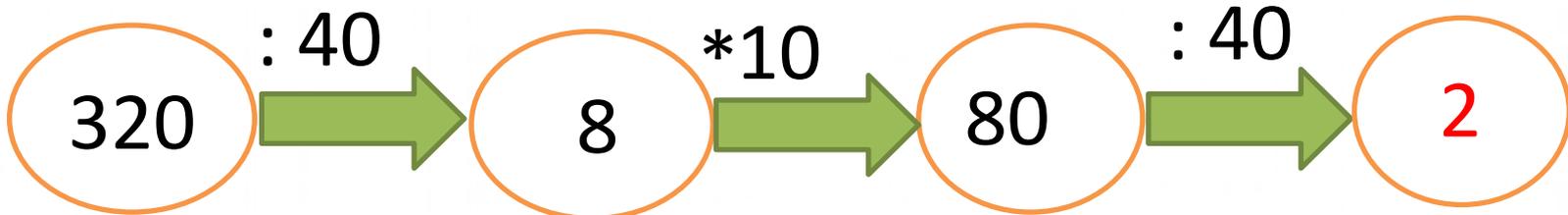
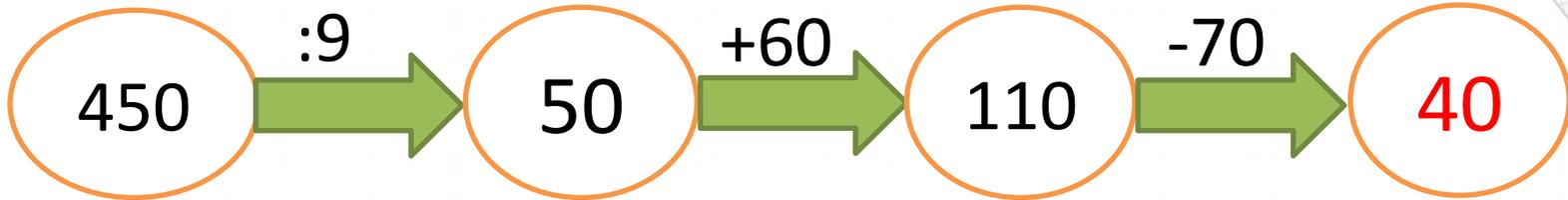
$$(x+y)(x-y) = x^2 - y^2$$



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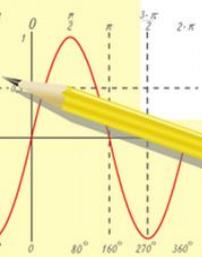


«Цепочки примеров»



$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 105000 \end{array}$$

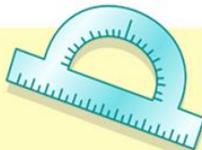
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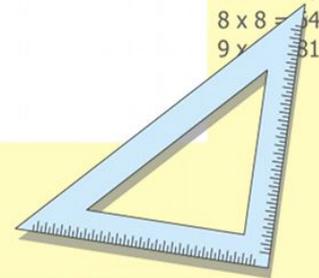
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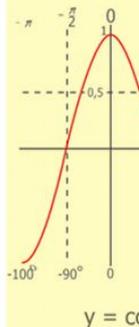
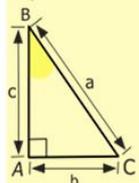
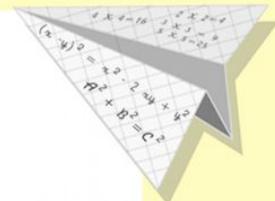
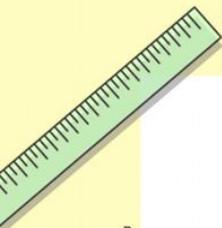
Исправь ошибки

1 650 см = 16м650см

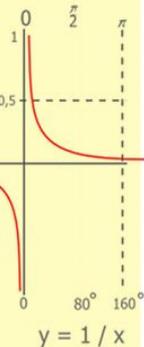
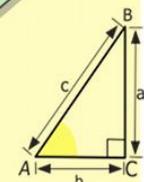
4 ч 15 мин = 455 мин

7 дм 5 см = 75 см

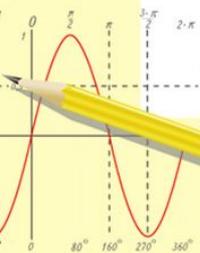
3 т = 3000кг



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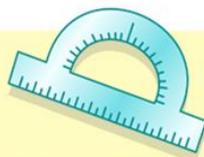
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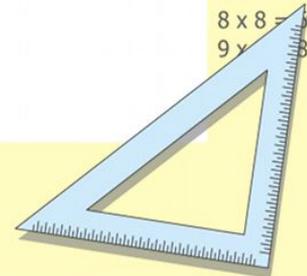
$$\sin 90^\circ = 1$$



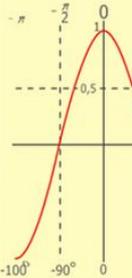
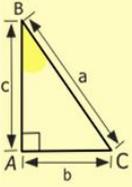
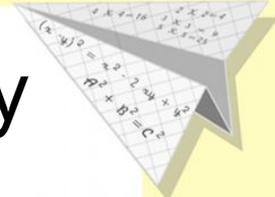
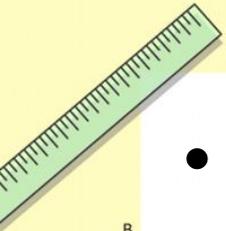
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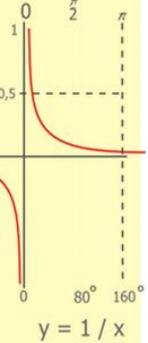
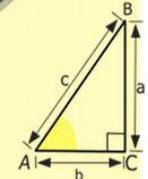


• Сколько лет было двадцатилетнему человеку четыре года назад?

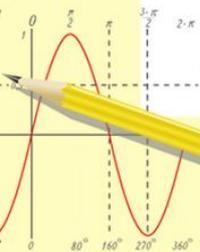


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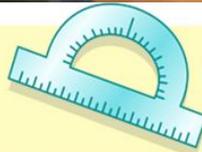
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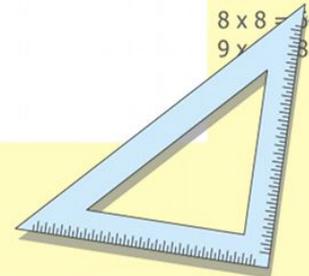


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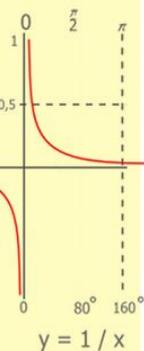
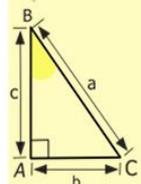
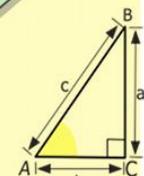
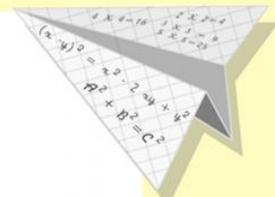
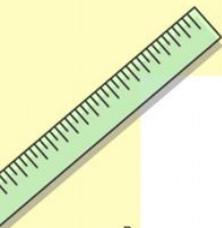


Задачи на смекалку

Между пятью людьми надо
разделить
пять яблок, и все-таки одно яблоко
должно остаться в корзинке.
Как это можно сделать ?

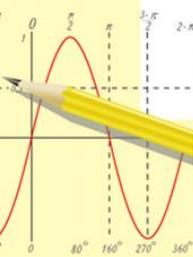


Одному дают яблоко
в корзинке

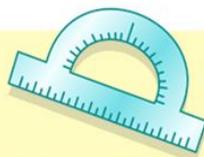


$$\begin{array}{r} 1 \\ \times 2500 \\ \hline 2500 \\ + 42 \\ \hline 210 \\ + 84 \\ \hline 105000 \end{array}$$

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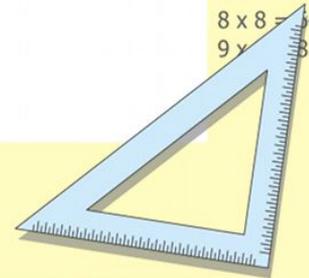
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Выберите верные записи.

Составьте из соответствующих слогов слово.

1 м = 100 см **у**

9 : 9 = 1 **н**

0 : 1 = 0 **ж м**

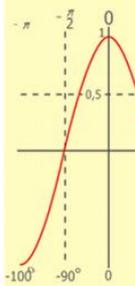
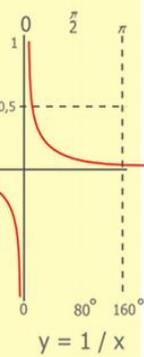
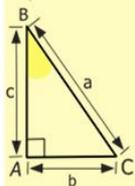
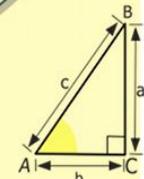
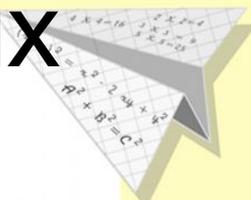
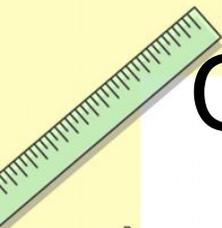
0 : 10 = ~~10~~ **р**

4 м = 40 см **ч**

S = a * b **е б л**

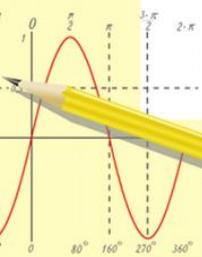
1 ч = 60 мин **а н**

и



$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 105000 \end{array}$$

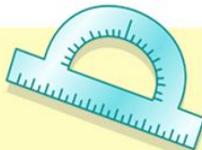
- 2 x 2 = 4
- 3 x 3 = 9
- 4 x 4 = 16
- 5 x 5 = 25
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$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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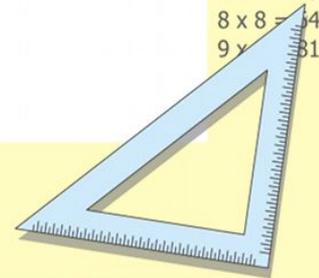
sin 90° = 1



$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

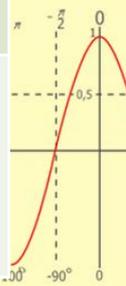
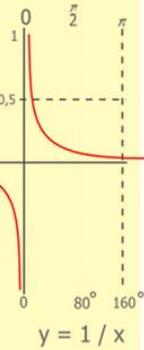
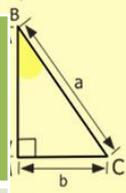
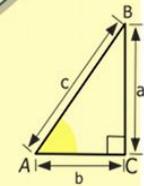
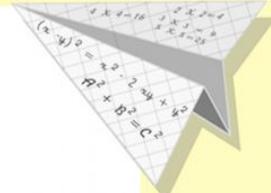
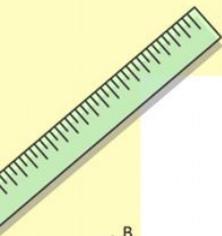
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

$$(x+y)(x-y) = x^2 - y^2$$



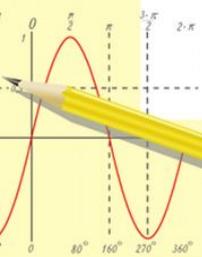
Заполни пропуски.

1 множитель	4	6	3	18	20
2 множитель	14	15	17	4	5
Произведение	56	90	51	72	100



$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 2100 \\ + 840 \\ \hline 105000 \end{array}$$

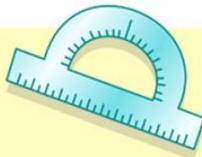
- 2 x 2 = 4
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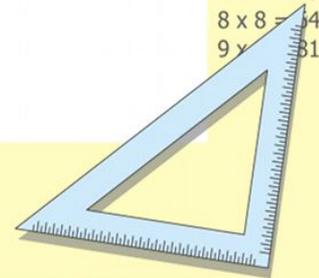
$$\sin 90^\circ = 1$$



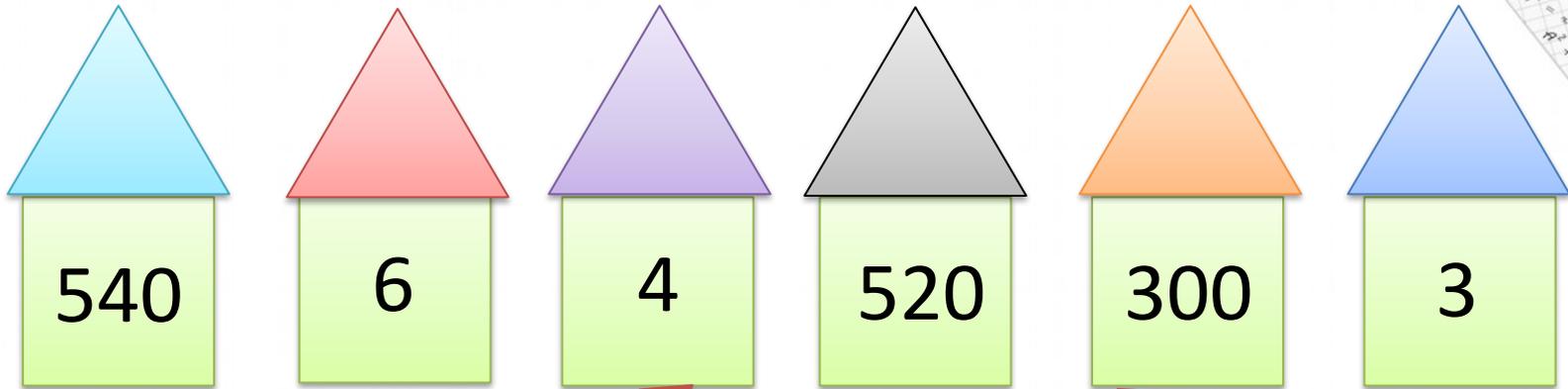
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

$$(x+y)(x-y) = x^2 - y^2$$



Игра «Почтальоны»



$$400 - 200 : 2$$

$$48 : (8 \times 2)$$

$$600 - 400 : 5$$

$$84 : (7 \times 2)$$

$$84 : (7 \times 3)$$

$$560 - 160 : 8$$

$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

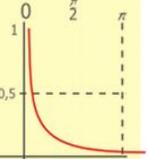
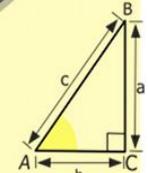
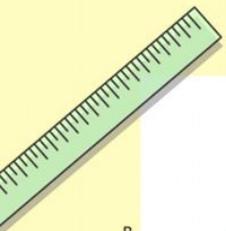
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$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

$$\begin{cases} y = 1 \\ x = 25 + 45 \end{cases}$$

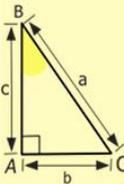
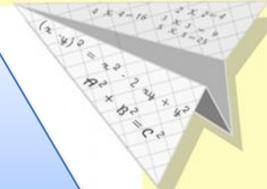
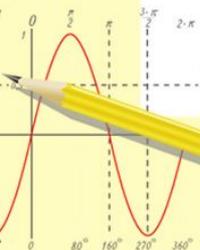
$$x = 70$$

$$(x+y)(x-y) = x^2 - y^2$$



$$y = 1/x$$

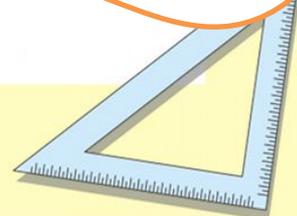
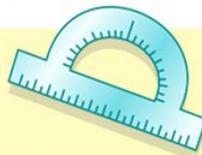
$$\begin{array}{r} 1 \ 2 \ 5 \ 00 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 105000 \end{array}$$



$$y = \cos$$

$$\begin{array}{l} 2 \times 2 = 4 \\ 3 \times 3 = 9 \\ 4 \times 4 = 16 \end{array}$$

$$\begin{array}{l} 25 \\ 36 \\ 49 \\ 64 \\ 81 \end{array}$$



Выбери только те уравнения, которые решаются делением.

$$x : 9 = 9000$$

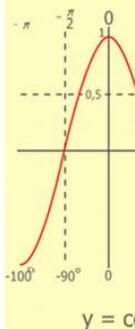
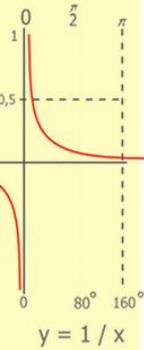
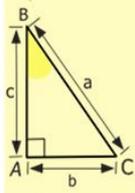
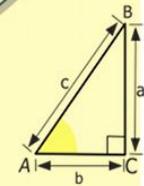
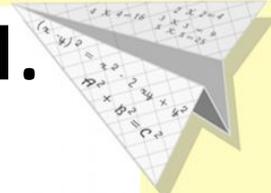
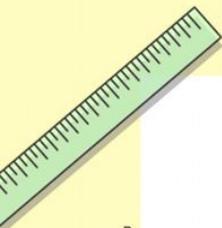
→ $x * 5 = 4500$

→ $100 * y = 6800$

→ $7000 : a = 100$

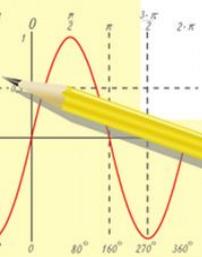
→ $101 : x = 1$

$$x : 1 = 999$$



$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 2100 \\ + 8400 \\ \hline 105000 \end{array}$$

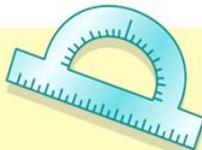
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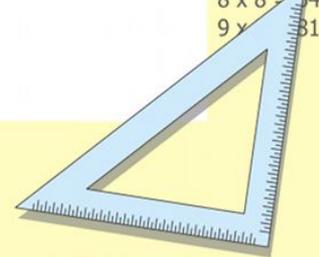
$$\sin 90^\circ = 1$$



$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

$$(x+y)(x-y) = x^2 - y^2$$



Заполните пропуски.

$$9\text{ц } 67\text{ кг} = 967\text{ кг}$$

$$5\text{м } 5\text{ см} = 505\text{ см}$$

$$2\text{ч } 17\text{ мин} = 137\text{ мин}$$

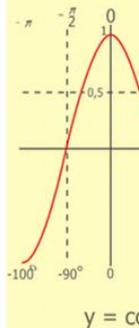
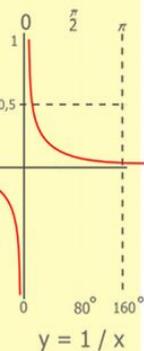
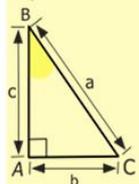
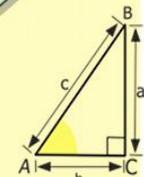
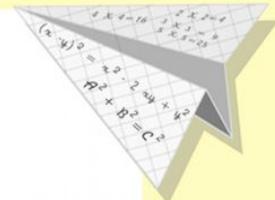
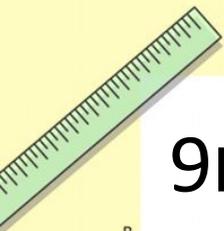
Сравните.

$$7\text{ч} < 700\text{ мин}$$

$$8\text{м}7\text{дм} = 87\text{дм}$$

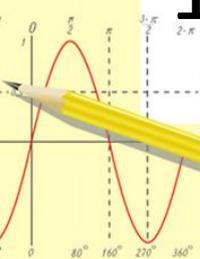
$$1948\text{кг} < 2\text{т}$$

$$90\text{мм} < 9\text{дм}$$



$$\begin{array}{r} 1 \\ 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$$

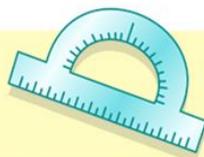
$$\begin{array}{l} 2 \times 2 = 4 \\ 3 \times 3 = 9 \\ 4 \times 4 = 16 \\ 5 \times 5 = 25 \\ 6 \times 6 = 36 \\ 7 \times 7 = 49 \\ 8 \times 8 = 64 \\ 9 \times 9 = 81 \end{array}$$



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$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

$$\sin 90^\circ = 1$$

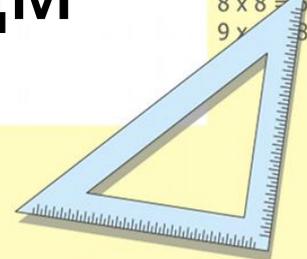


$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

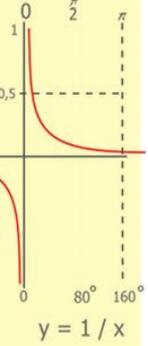
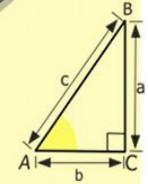
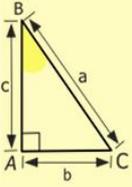
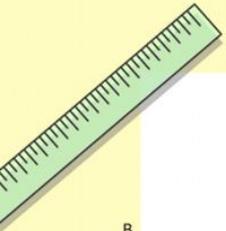
$$\begin{cases} y = 1 \\ x = 25 + 45 \end{cases}$$

$$x = 70$$

$$(x+y)(x-y) = x^2 - y^2$$

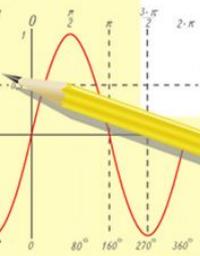


У Маши было **120** рублей. Она истратила $\frac{3}{4}$ этих денег на покупку фломастеров. Сколько денег истратила Маша?



$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$$

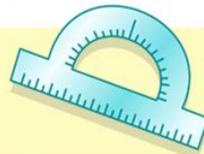
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$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

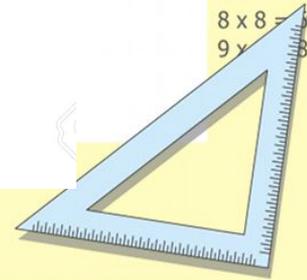
$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

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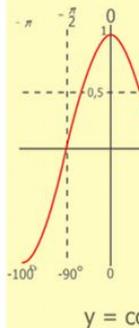
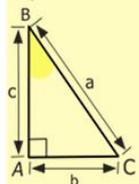
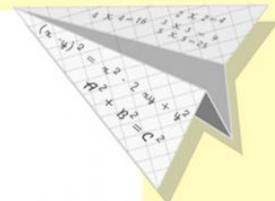
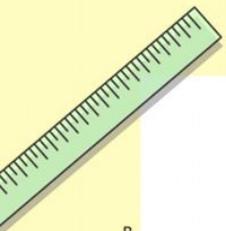
$$(x+y)(x-y) = x^2 - y^2$$



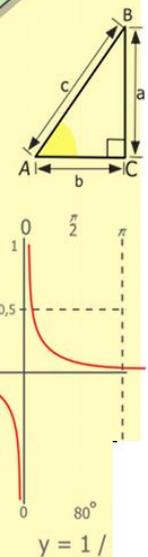
Задачи на смекалку

1. Одно яйцо варят 4 минуты.
Сколько минут надо варить 6 яиц?

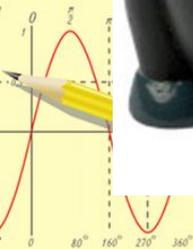
4 минуты



- $2 \times 2 = 4$
- $3 \times 3 = 9$
- $4 \times 4 = 16$
- $5 \times 5 = 25$
- $6 \times 6 = 36$
- $7 \times 7 = 49$
- $8 \times 8 = 64$
- $9 \times 9 = 81$



$$\begin{array}{r} 1\ 2\ 5\ 0\ 0 \\ \times 4\ 2 \\ \hline 2\ 1\ 0 \\ + 8\ 4 \\ \hline 1\ 0\ 5\ 0\ 0 \end{array}$$



$$= \frac{a+b}{c}$$

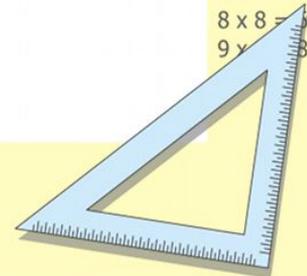
$$\sin 90^\circ = 1$$



$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

$$(x+y)(x-y) = x^2 - y^2$$



Выберите верные записи.

Составьте из соответствующих слогов слово.

$1\text{ м} = 100\text{ см}$ **З**

$9 : 9 = 1$ **Д**

$0 : 1 = 1$ **П Р А**

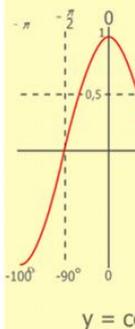
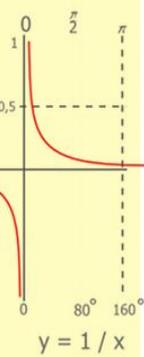
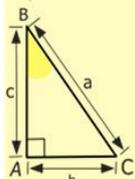
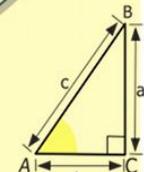
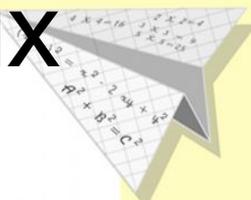
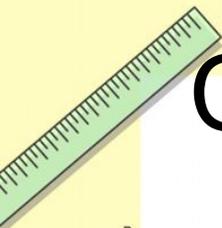
$0 : 10 = 10$ **А Р**

$4\text{ м}^2 > 400\text{ см}^2$ **И Ч**

$P = a * b$ **Д Р**

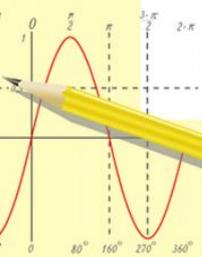
$1\text{ ч} = 100\text{ мин}$ **М Е**

О



$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 105000 \end{array}$$

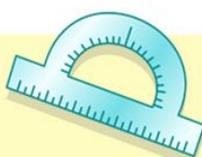
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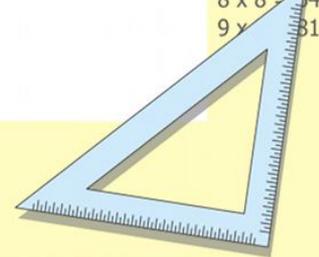
$$\sin 90^\circ = 1$$



$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

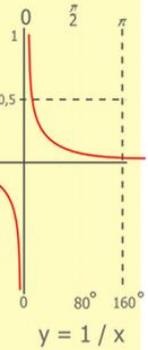
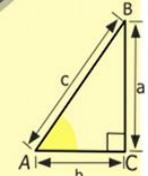
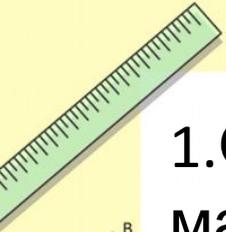
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

$$(x+y)(x-y) = x^2 - y^2$$

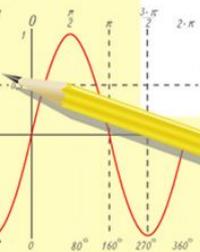


Использованная литература:

1. О.И Дмитриева «Поурочные разработки по математике» 4 класс (М., «Вако», 2011г)
2. Т.Н Ситникова «Поурочные разработки по математике» 4 класс (М., «Вако», 2014г)



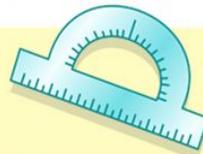
$$\begin{array}{r} \frac{1}{2} 500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$$



$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

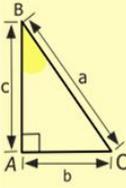
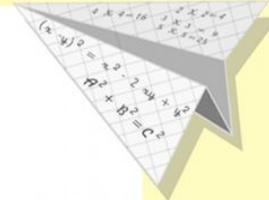
$$\sin 90^\circ = 1$$



$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

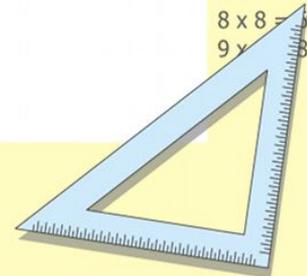
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

$$(x+y)(x-y) = x^2 - y^2$$

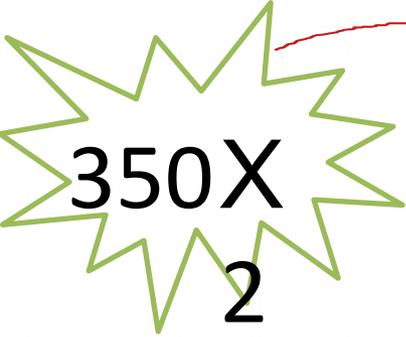


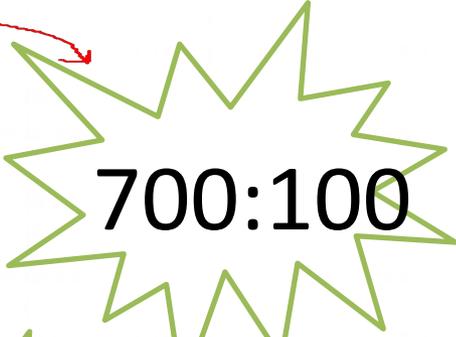
$$y = \cos$$

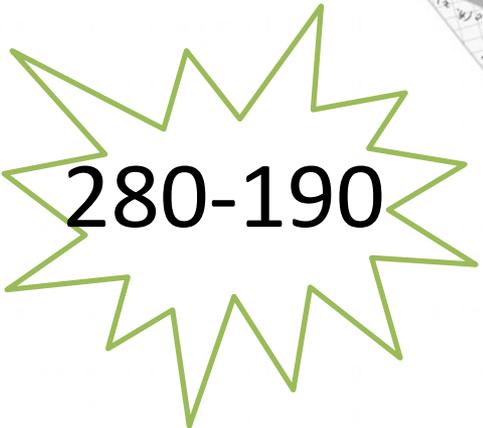
$$\begin{array}{l} 2 \times 2 = 4 \\ 3 \times 3 = 9 \\ 4 \times 4 = 16 \\ 5 \times 5 = 25 \\ 6 \times 6 = 36 \\ 7 \times 7 = 49 \\ 8 \times 8 = 64 \\ 9 \times 9 = 81 \end{array}$$

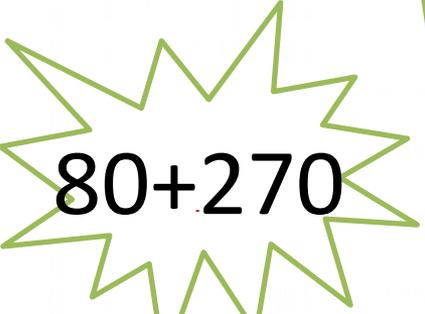


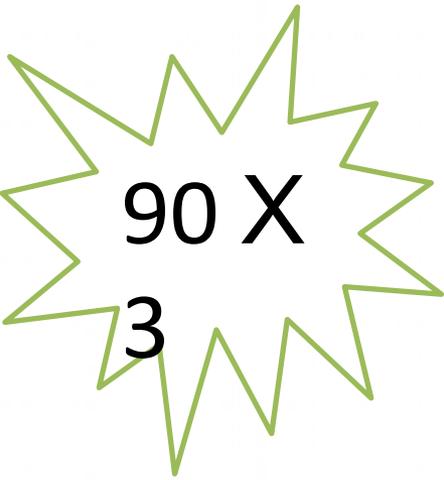
Круговые примеры


$$350 \times 2$$

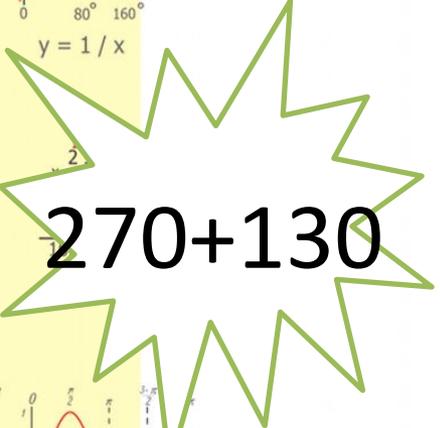

$$700 : 100$$

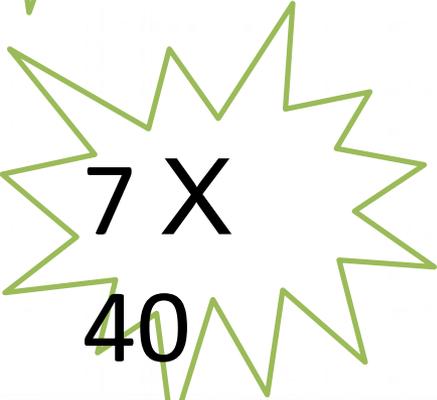

$$280 - 190$$

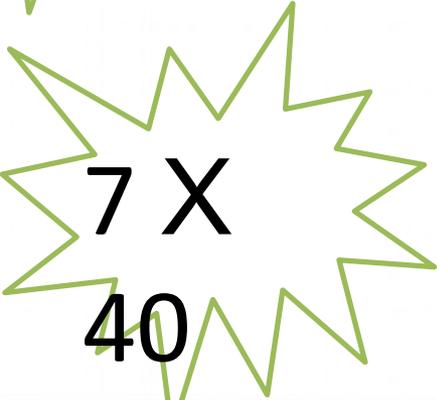

$$80 + 270$$

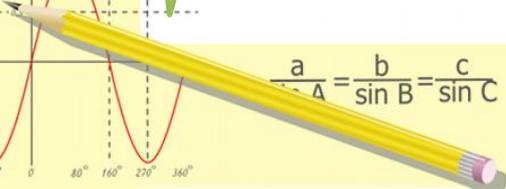

$$90 \times 3$$


$$400 : 5$$


$$270 + 130$$


$$7 \times 40$$


$$40$$


$$\frac{a}{A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

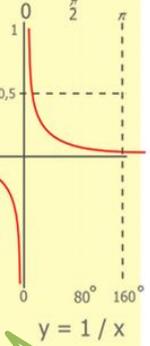
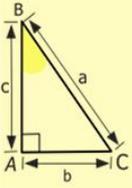
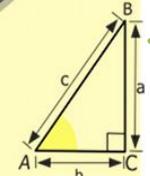
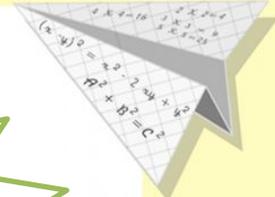
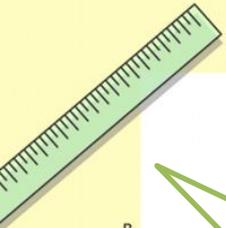
$$\sin 90^\circ = 1$$

$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

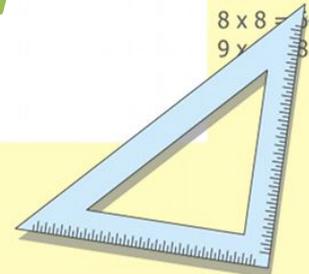
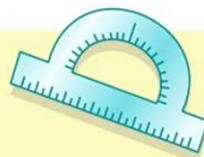
$$\begin{cases} y = 1 \\ x = 25 + 45 \end{cases}$$

$$x = 70$$

$$(x+y)(x-y) = x^2 - y^2$$

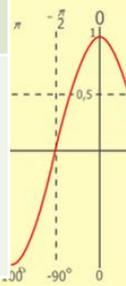
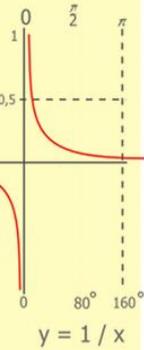
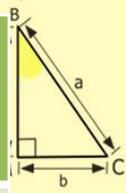
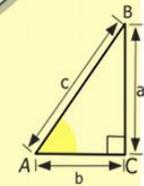
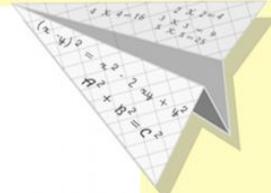
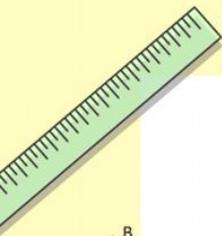


- 2 x 2 = 4
- 3 x 3 = 9
- 4 x 4 = 16
- 5 x 5 = 25
- 6 x 6 = 36
- 7 x 7 = 49
- 8 x 8 = 64
- 9 x 9 = 81



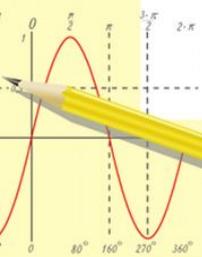
Заполни пропуски.

1 множитель	4	6	3	18	20
2 множитель	14	15	17	4	5
Произведение	56	90	51	72	100



$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 2100 \\ + 840 \\ \hline 105000 \end{array}$$

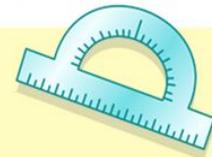
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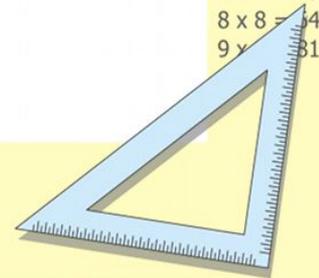
$\sin 90^\circ = 1$



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$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

$$(x+y)(x-y) = x^2 - y^2$$



Заполните пропуски.

$$9\text{ц } 67\text{ кг} = 967\text{ кг}$$

$$5\text{м } 5\text{ см} = 505\text{ см}$$

$$2\text{ч } 17\text{ мин} = 137\text{ мин}$$

$$153\text{ ц} = 15\text{ т } 3\text{ ц}$$

$$58\text{дм } 73\text{мм} = 5\text{ м } 8\text{ дм } 7\text{ см } 3\text{ мм}$$

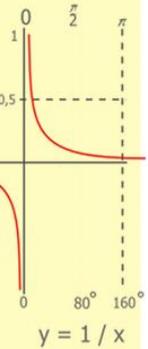
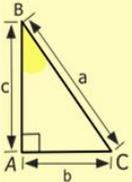
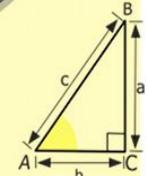
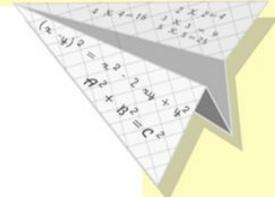
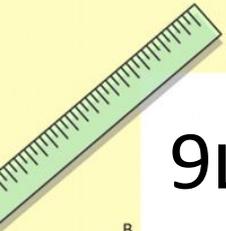
Сравните.

$$7\text{ч} < 700\text{ мин}$$

$$8\text{м}7\text{дм} = 87\text{дм}$$

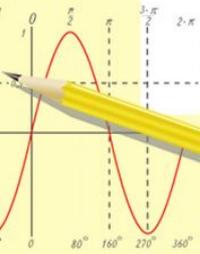
$$19\text{ц}48\text{кг} < 2\text{т}$$

$$90\text{мм} < 9\text{дм}$$



$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$$

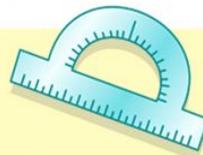
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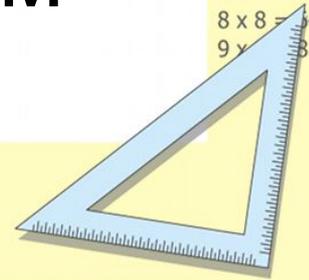


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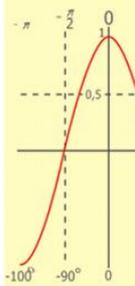
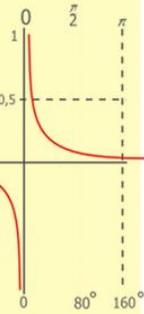
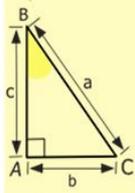
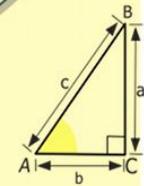
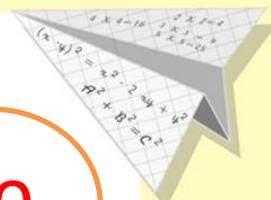
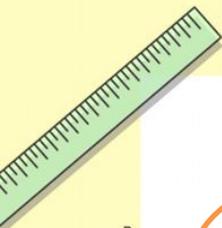
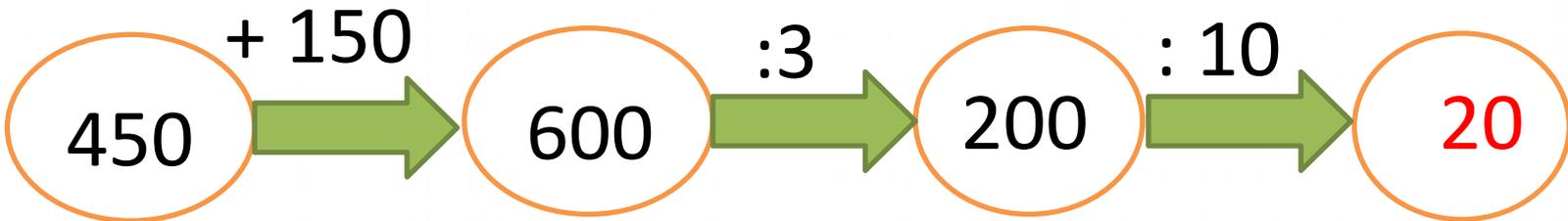
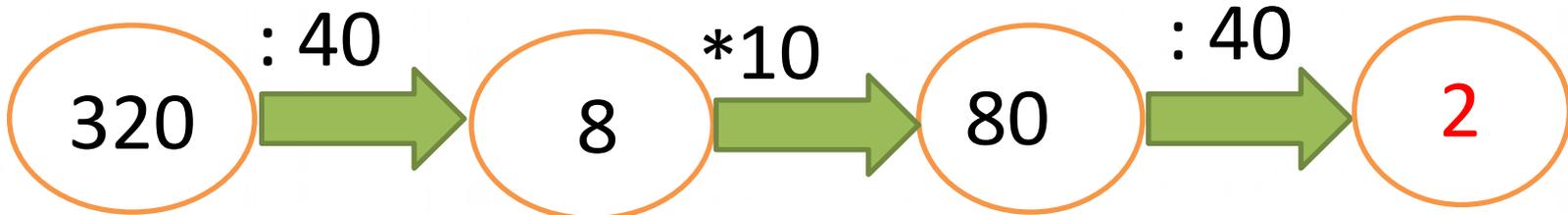
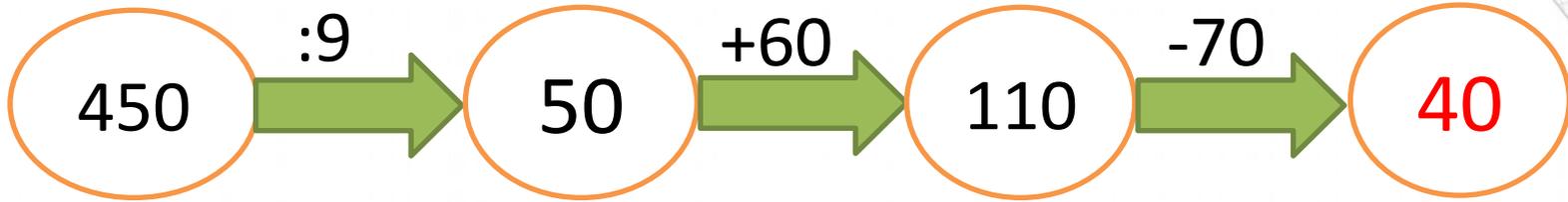
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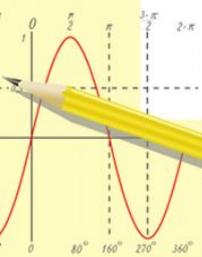


«Цепочки примеров»



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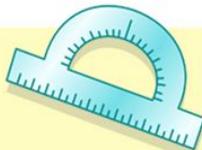
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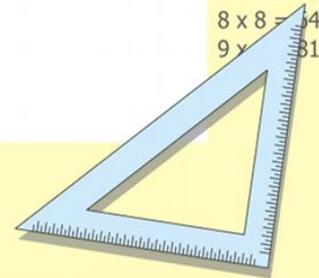
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СПАСИБО ЗА РАБОТУ

1. <http://gorod.tomsk.ru/uploads/4171/1250012060/vesi.jpg>

2. <http://img-fotki.yandex.ru>

3. http://www.rspb.org.uk/images/cache/jackdaw_300_tcm9-139958_v2.jpg

4. <http://s40.radikal.ru/i090/1106/83/8801bfd3065b.jpg>

5. <http://www.state.nj.us/dep/parksandforests/calendar/images/train.jpg>

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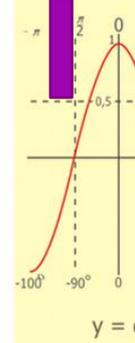
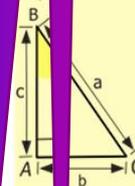
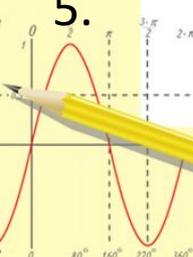
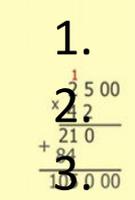
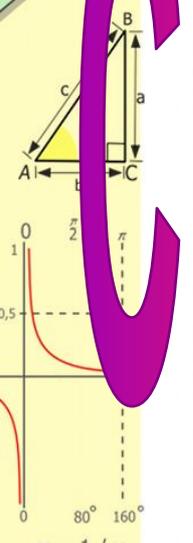
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