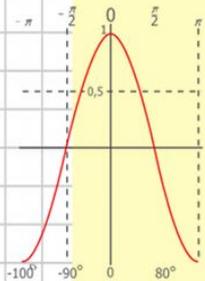
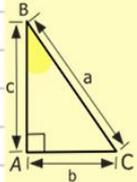
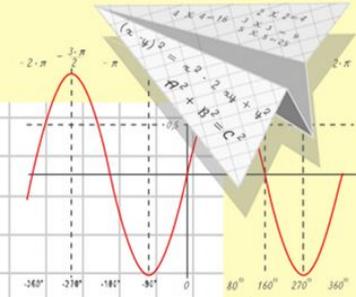
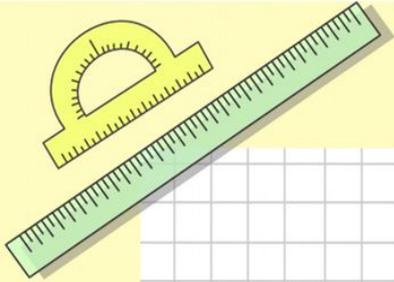


Математик

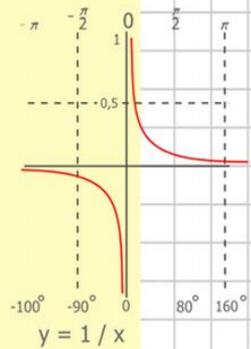
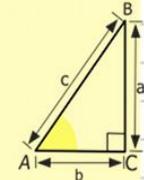
а

Конкретный смысл действия деления.



$y = \cos x$

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



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

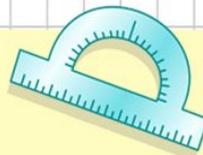


$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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



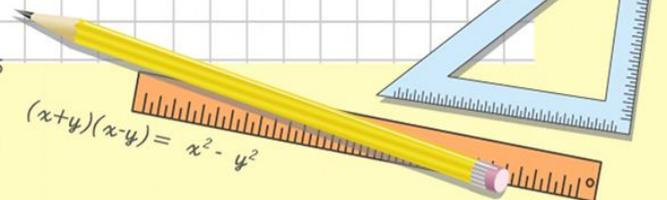
$$\sin 90^\circ = 1$$



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

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

$$x = 70$$



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

Устный счёт.

Вставьте пропущенные числа,

чтобы равенства были верными.

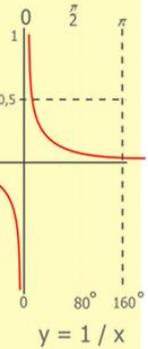
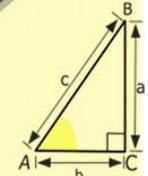
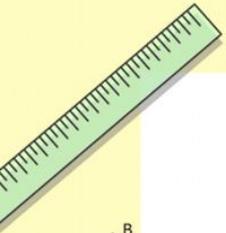
$$83 - 70 = 6 +$$

$$18 - 37 = 9 + 6$$

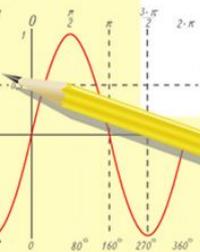
...

$$42 + 8 = 80 30$$

$$79 - 60 = 9 10$$



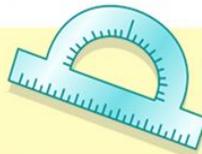
$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 2100 \\ + 840 \\ \hline 105000 \end{array}$$



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

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

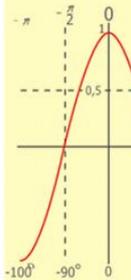
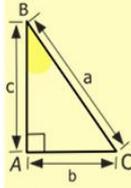
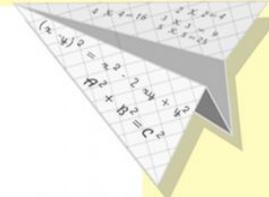
$$\sin 90^\circ = 1$$



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

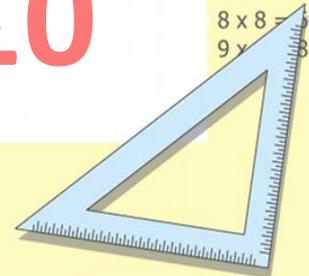
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



$$y = \cos$$

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



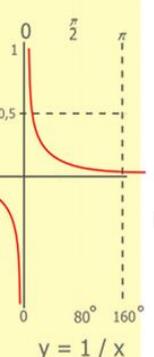
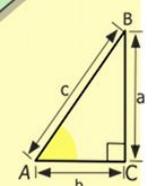
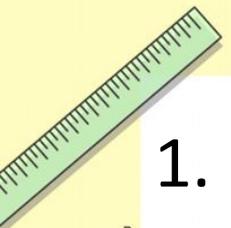
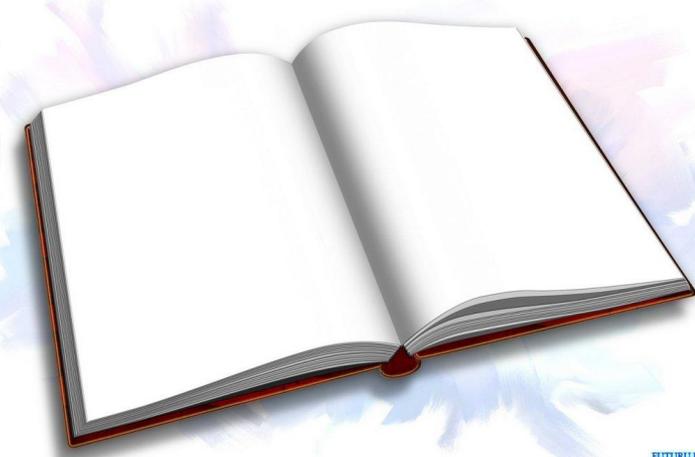
Решите задачи:

1. Мальчик решил 18 примеров, осталось решить на 8 примеров меньше. Сколько всего примеров должен решить мальчик?

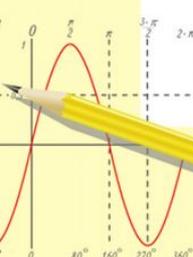


2. В одной книге 29 страниц, во второй – на 15 страниц больше. А в третьей – на 12 страниц меньше, чем во второй. Сколько

Книг



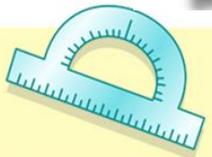
$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 2100 \\ + 840 \\ \hline 105000 \end{array}$$



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

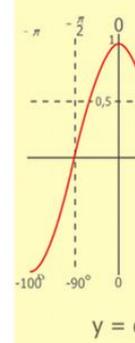
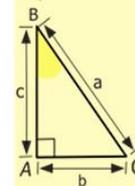
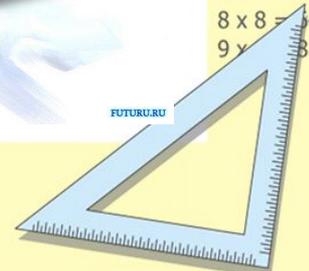
$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

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



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

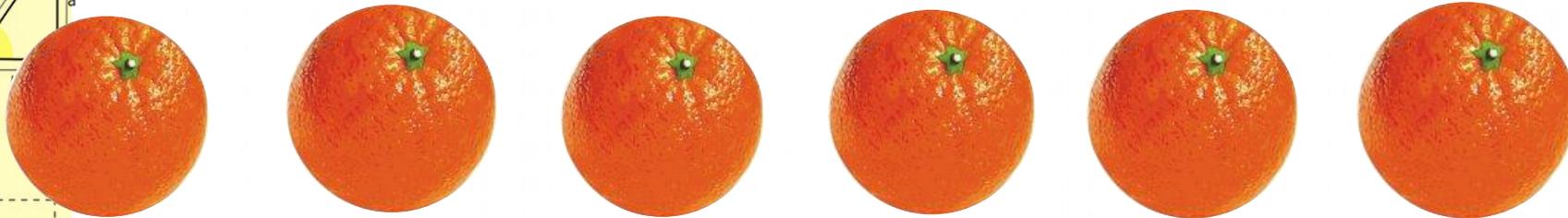
$$(x+y)(x-y) = x^2 - y^2$$



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

Конкретный смысл действия деления.

Задачи на деление по содержанию



6 разделить по 2 получится 3

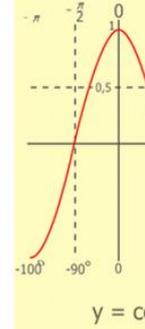
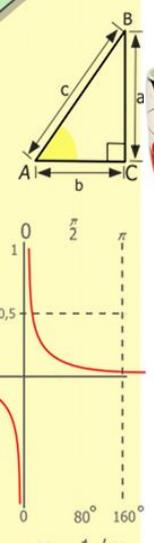
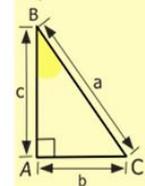
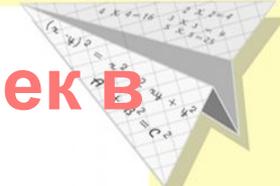
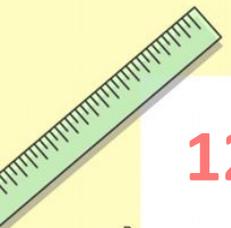
Decorative mathematical elements on the slide include:

- A green ruler in the top-left corner.
- A 3D paper airplane in the top-right corner with mathematical formulas like $(x-y)^2 = x^2 - 2xy + y^2$ and $a^2 + b^2 = c^2$.
- A right-angled triangle with sides a , b , c and vertices A , B , C on the right side.
- A graph of the function $y = 1/x$ on the left side.
- A graph of the function $y = \cos x$ on the right side.
- A multiplication table on the right side showing products from 2×2 to 9×9 .
- A blue protractor and a blue set square at the bottom.
- A yellow pencil at the bottom left.
- Trigonometric formulas: $\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$, $\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$, and $\sin 90^\circ = 1$.
- A system of linear equations: $\begin{cases} x = 25y + 45 \\ y = 1 \end{cases}$ with the solution $x = 25 + 45 = 70$.
- The difference of squares formula: $(x+y)(x-y) = x^2 - y^2$.
- A vertical addition problem: $\begin{array}{r} 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$.

Решите задачу.

12 чашек разложили в коробки по 6 чашек в каждую.

Сколько коробок надо было?



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

- 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

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

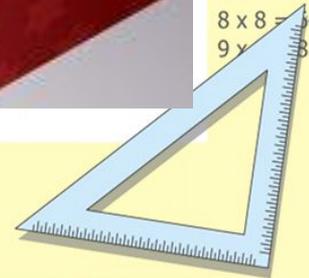
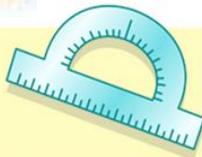
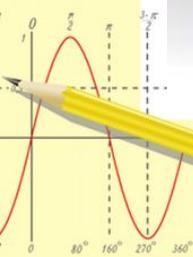
$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

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

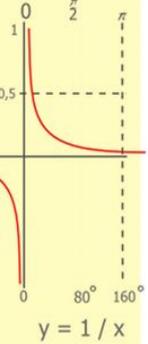
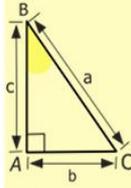
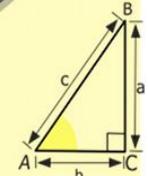
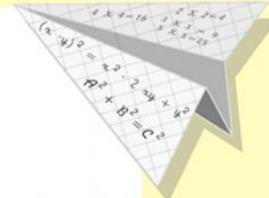
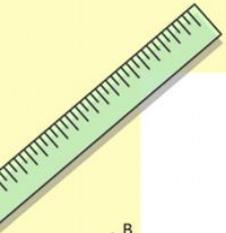
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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

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

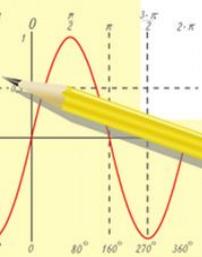


Спасибо за работу!



$$\begin{array}{r} 1\ 5\ 00 \\ \times 42 \\ \hline 210 \\ + 840 \\ \hline 105\ 000 \end{array}$$

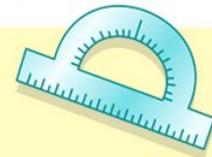
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- $7 \times 7 = 49$
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$$\sin 90^\circ = 1$$



$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \\ y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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