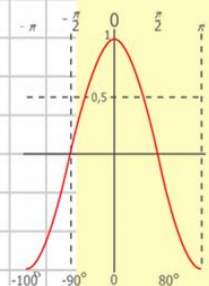
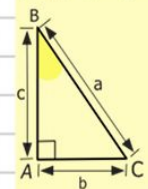
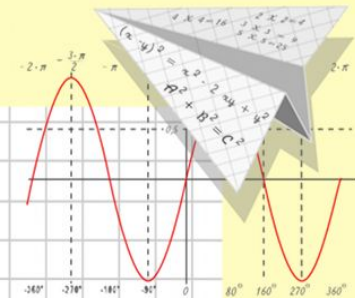
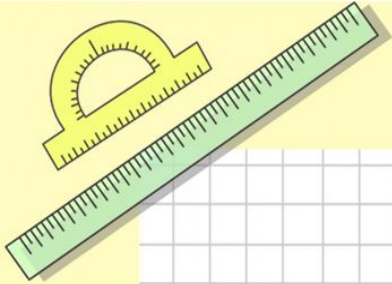


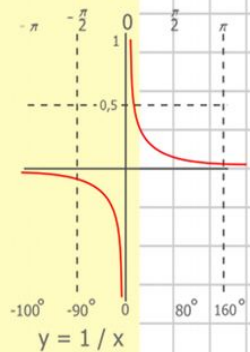
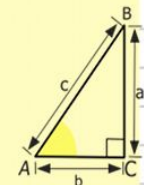
Урок математики

23 ноября



$y = \cos x$

- $2 \times 2 = 4$
- $3 \times 3 = 9$
- $4 \times 4 = 16$
- $5 \times 5 = 25$
- $6 \times 6 = 36$
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$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 2100 \\ + 8400 \\ \hline 105000 \end{array}$$

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

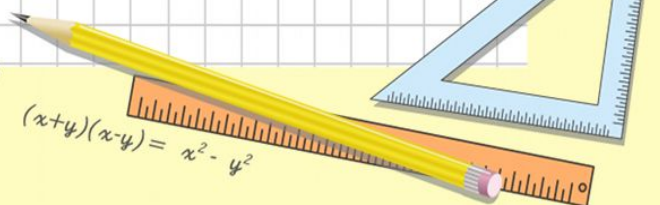
$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$



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



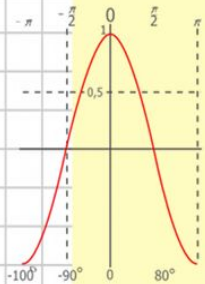
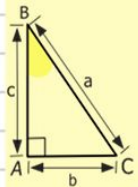
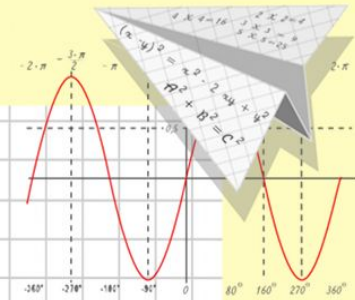
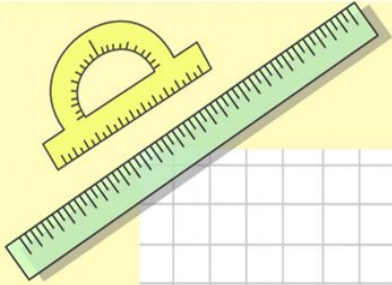
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$
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$$(x+y)(x-y) = x^2 - y^2$$

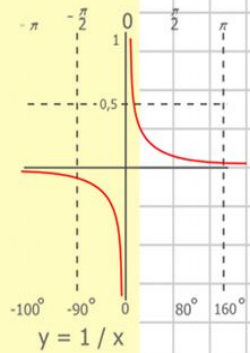
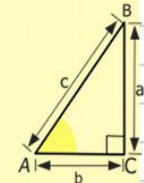
23 ноября

Классная работа



$y = \cos x$

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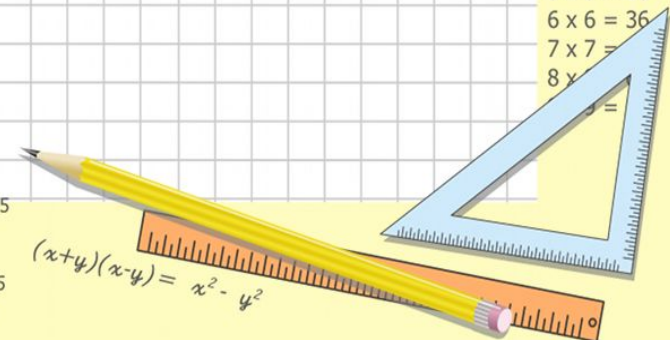
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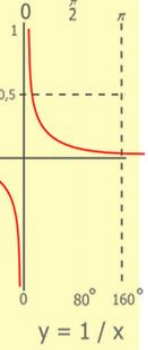
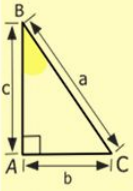
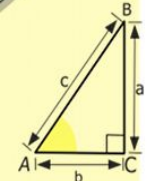
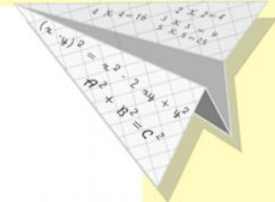
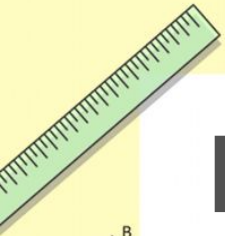
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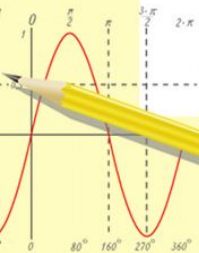


Всякая точная наука основывается на приближительности



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

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



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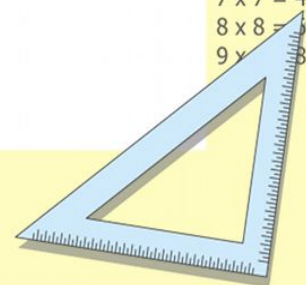
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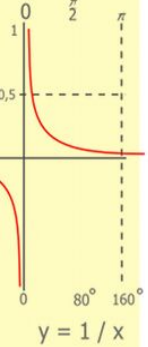
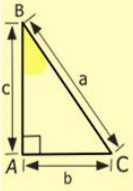
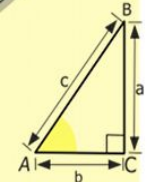
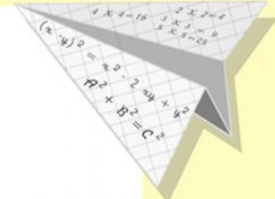
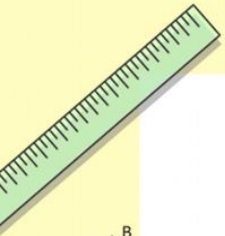
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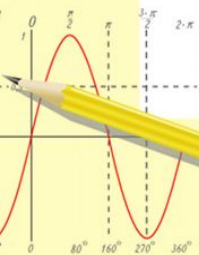
План урока

- Новые знания
- Работа с произведениями
- Работа с задачей



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

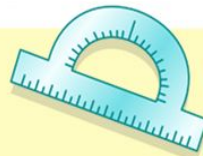
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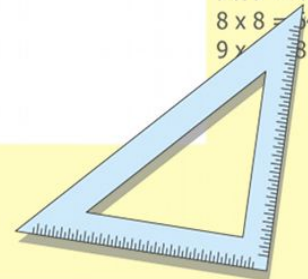
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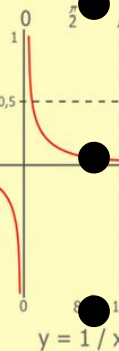
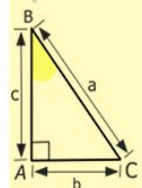
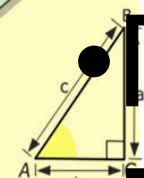
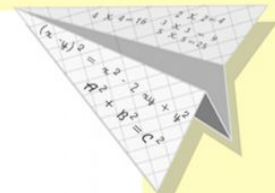
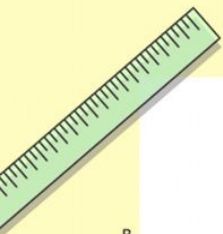
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



Объясни!

- Приближенные значения -
- Приблизженно – равно....
- Круглые числа -
- Округлить -



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

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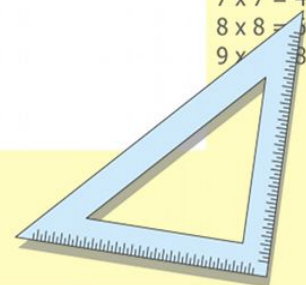


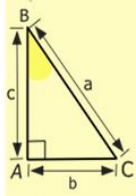
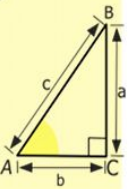
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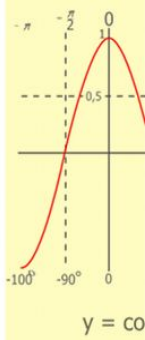
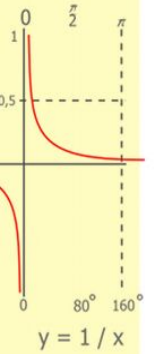


83 ≈ 80;

1281 ≈ 1280;

83 ≈ 90

1281 ≈ 1290;



326 ≈ 320;

326 ≈ 330;

1 2 5 00
x 4 2

21 0
+ 84

105 0 00

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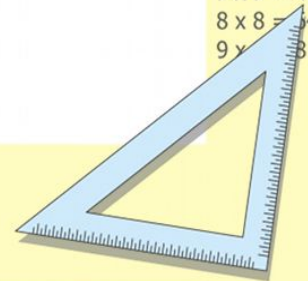
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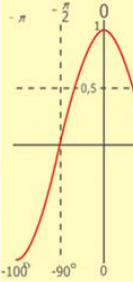
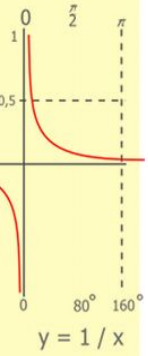
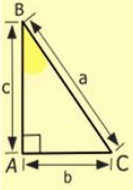
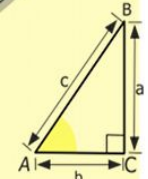
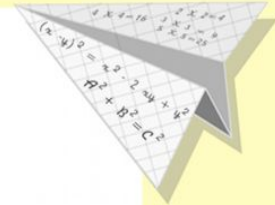
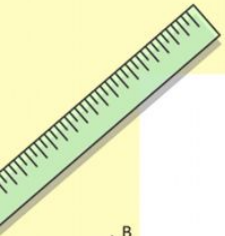
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3,7,1,9,6,4



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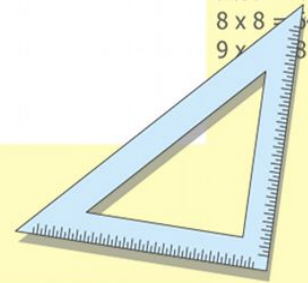
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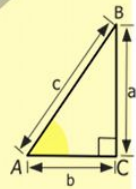
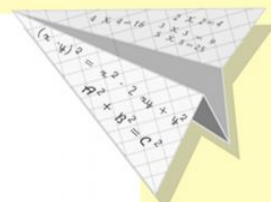
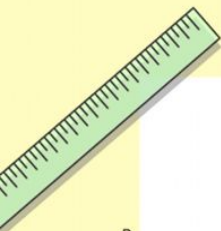


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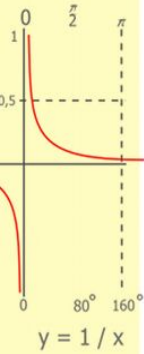
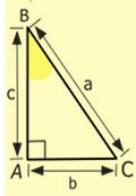


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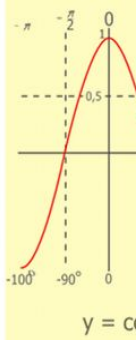
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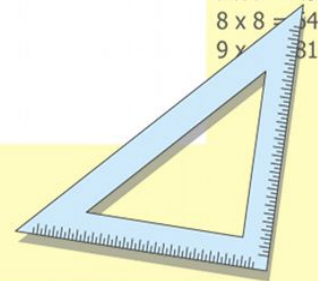
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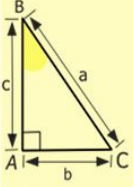
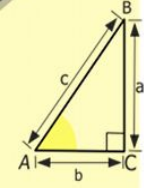
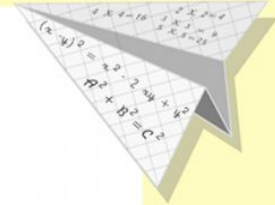
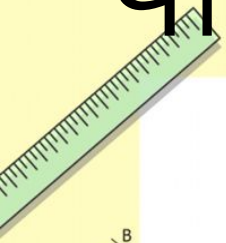
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Что значит округлить до десятков?

Если число заменить ближайшим круглым числом, в разряде которого на месте единиц число 0 - это значит округлить с точностью до десятков.



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

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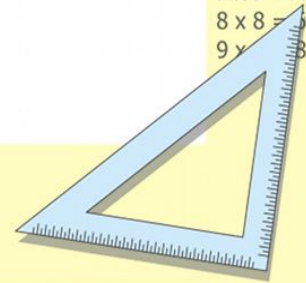
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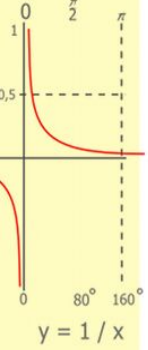
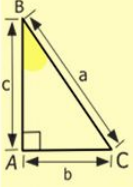
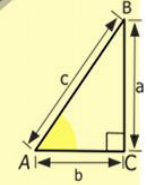
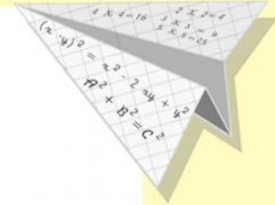
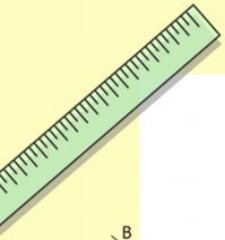
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$$(x+y)(x-y) = x^2 - y^2$$



№171(6)

- Домашнее задание
- округлить до десятков числа, подчеркнуть ту запись, где округление точнее: 381,1754,90786,7562,597



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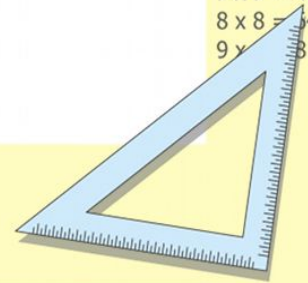
$$\sin 90^\circ = 1$$



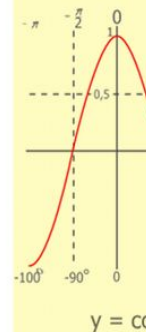
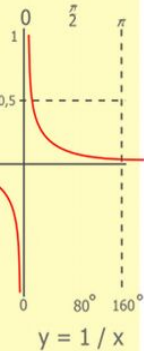
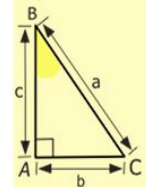
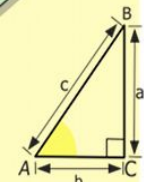
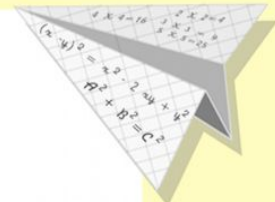
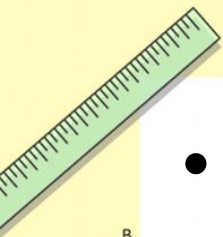
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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

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



• Оцените работу



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

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



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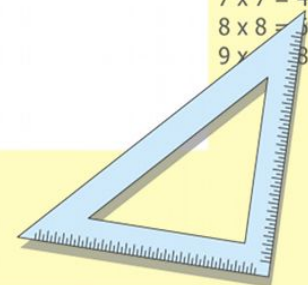
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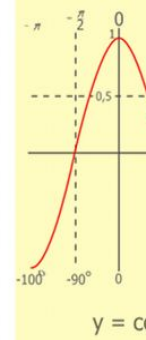
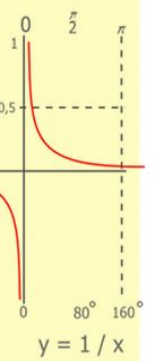
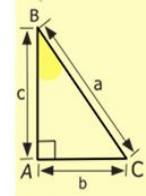
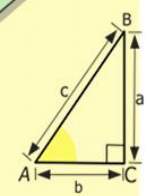
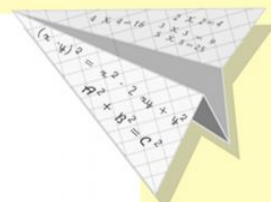
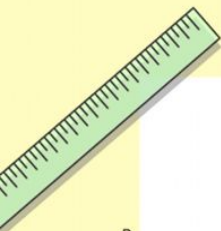


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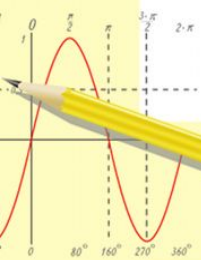




Физкультминутка

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

- 2 x 2 = 4
- 3 x 3 = 9
- 4 x 4 = 16
- 5 x 5 = 25
- 6 x 6 = 36
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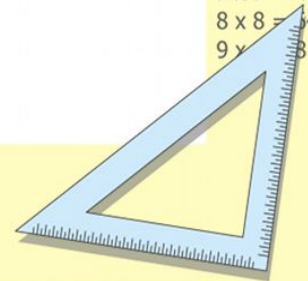
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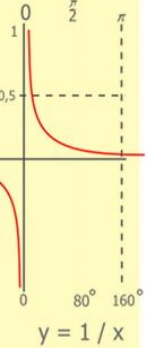
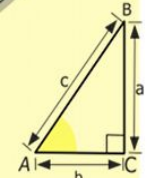
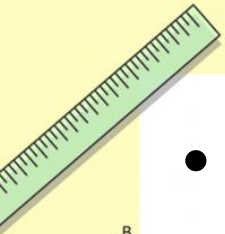
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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

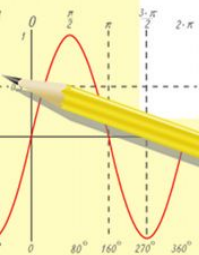


Задача

- Машинисткам надо было перепечатать 8 одинаковых рукописей. Одна машинистка перепечатала 120 страниц, а вторая в 3 раза меньше. Сколько рукописей перепечатала каждая машинистка?



$$\begin{array}{r} \frac{1}{2} 500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 105000 \end{array}$$



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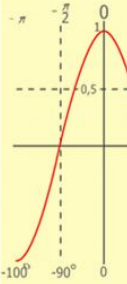
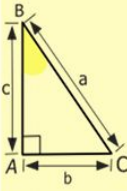
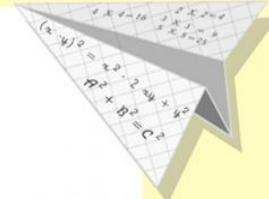
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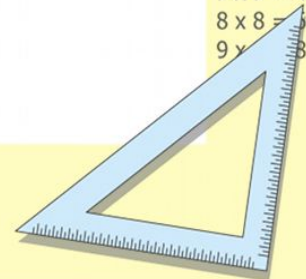
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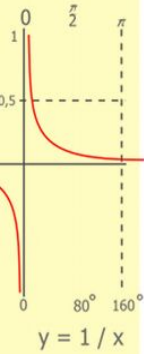
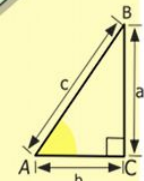
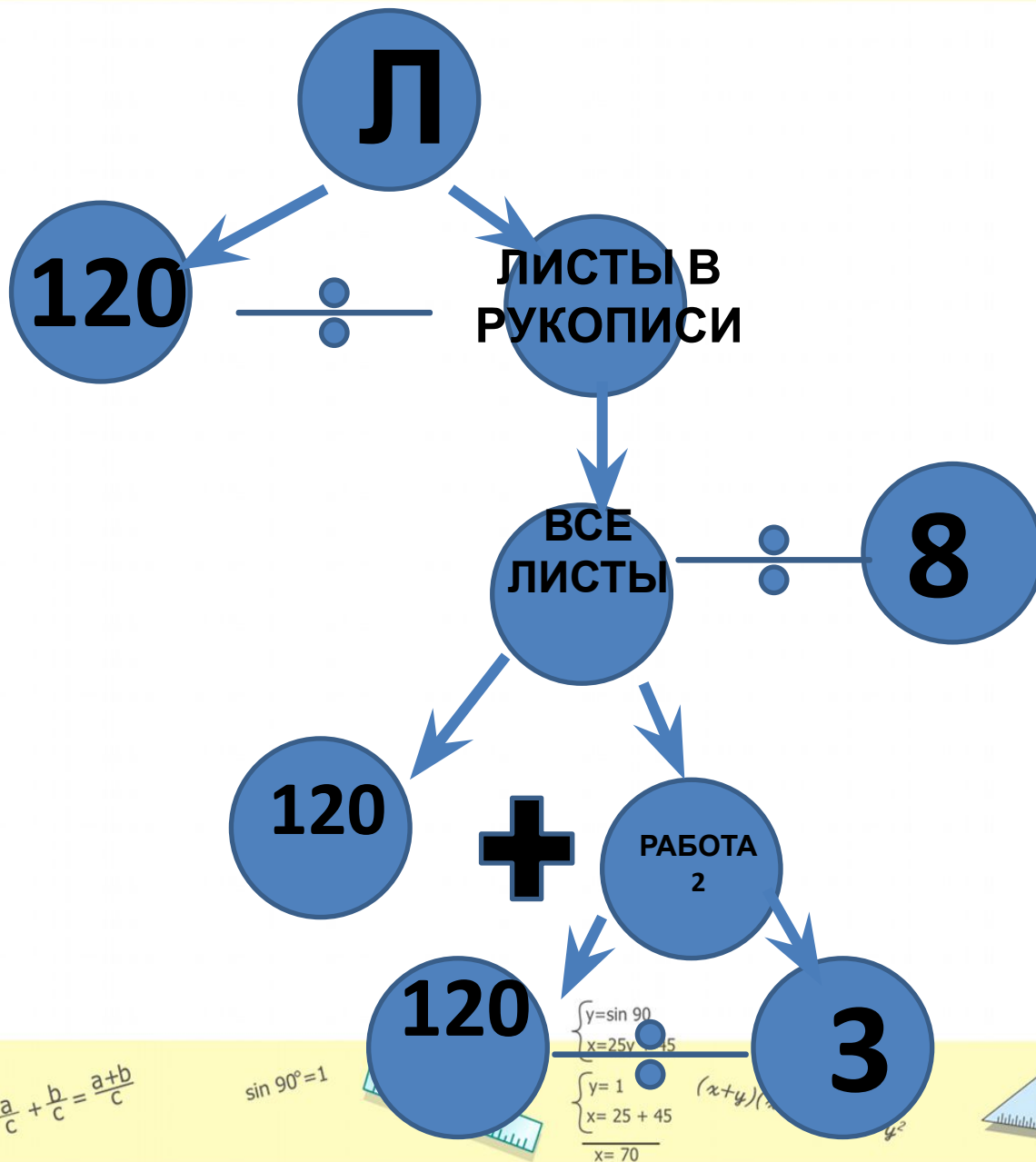
$$(x+y)(x-y) = x^2 - y^2$$



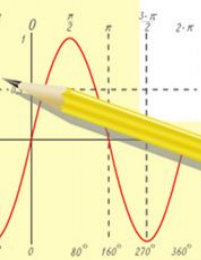
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задача



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



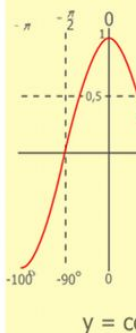
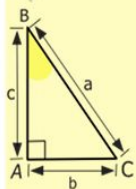
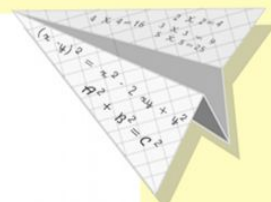
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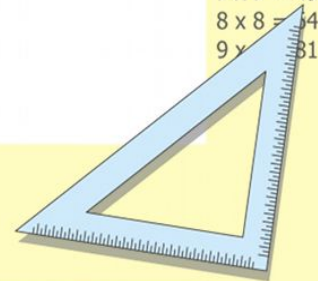
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$$\begin{cases} y = \sin 90 \\ x = 25\sqrt{45} \\ y = 1 \\ x = 25 + 45 \\ x = 70 \end{cases}$$

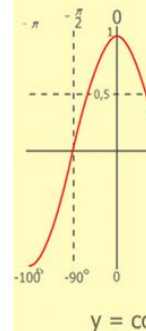
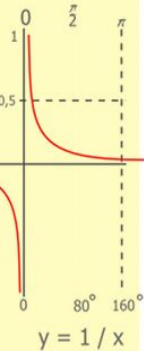
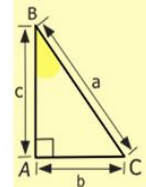
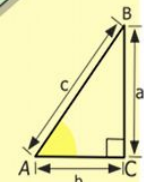
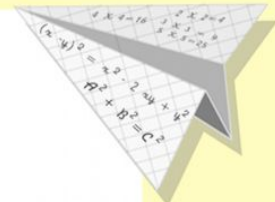
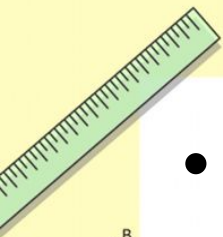
$$(x+y)$$



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• Оцените работу



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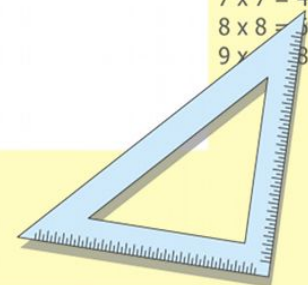
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Найди значение произведения

700 • 240

$$\begin{array}{r} \sqrt{700} \\ 240 \\ \hline + 280 \\ 140 \\ \hline 168000 \end{array}$$

$$\begin{array}{r} \sqrt{240} \\ 700 \\ \hline + 000 \\ 000 \\ \hline 168 \\ \hline 16800 \end{array}$$

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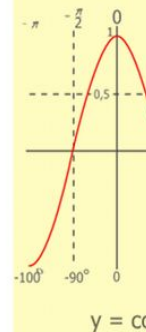
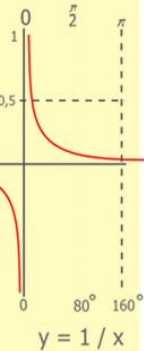
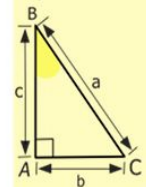
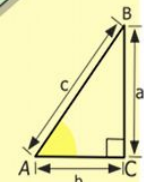
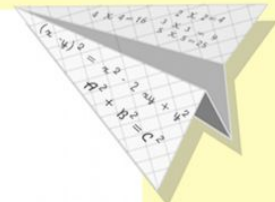
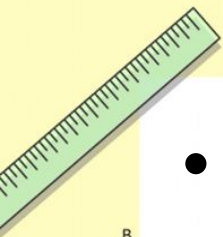
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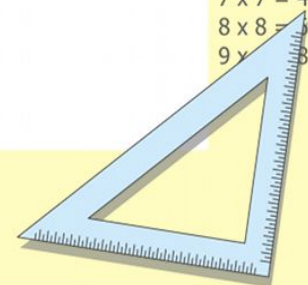
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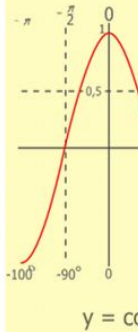
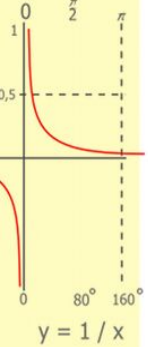
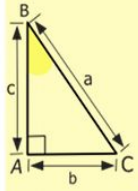
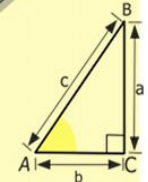
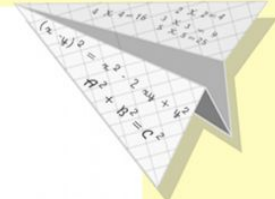
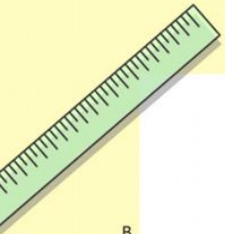
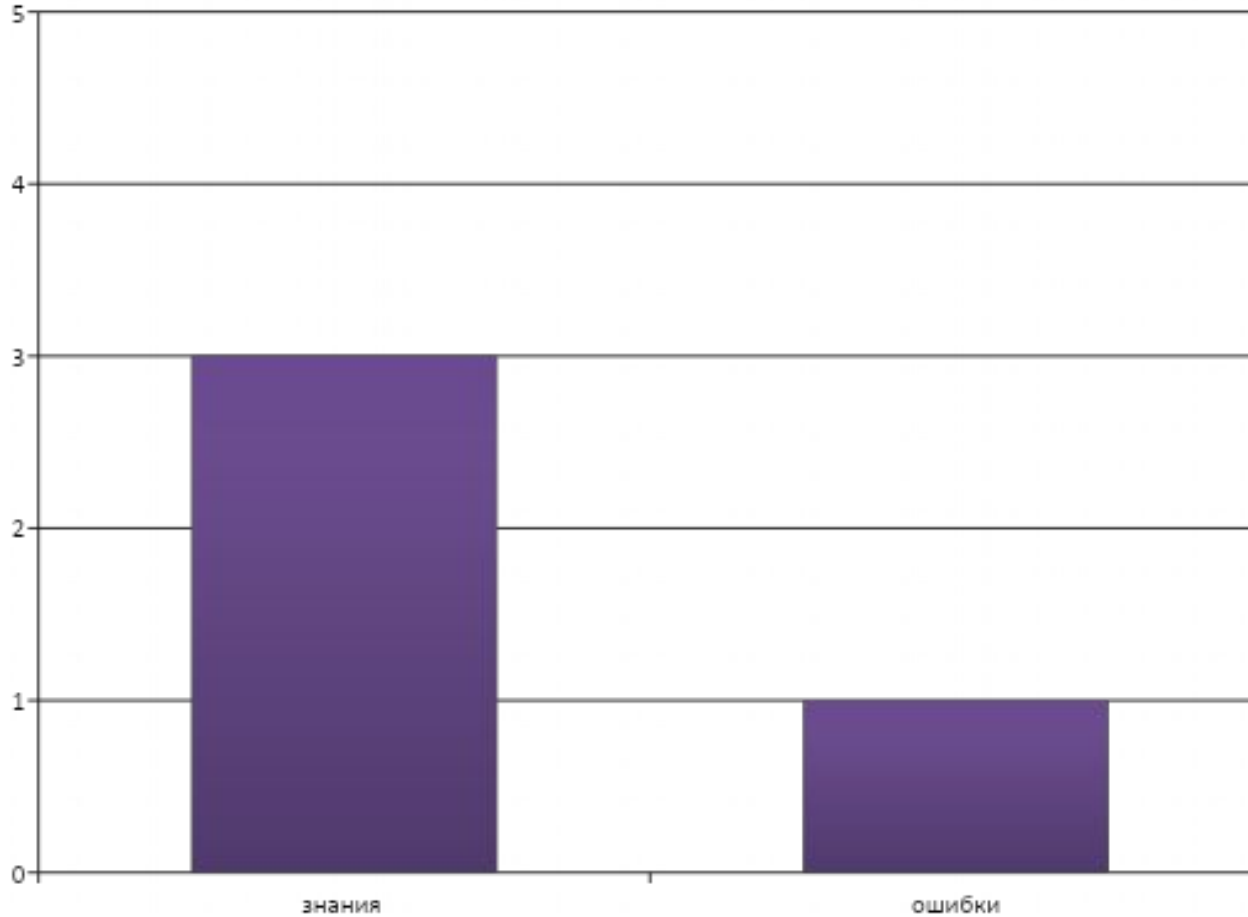
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Итог урока

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