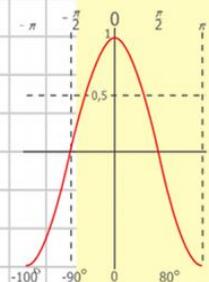
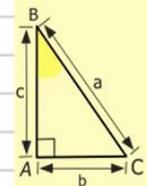
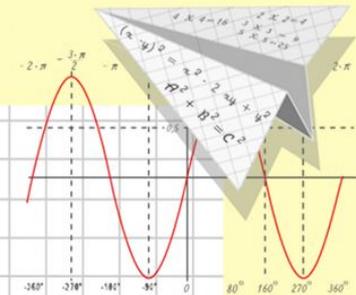
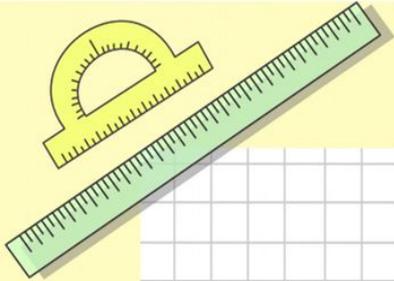


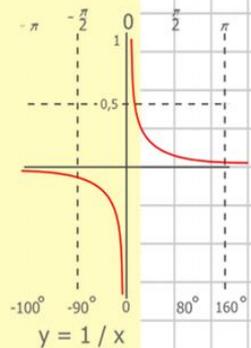
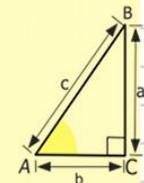
Урок математики

23 ноября



$y = \cos x$

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



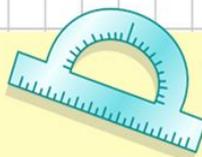
$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$$

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

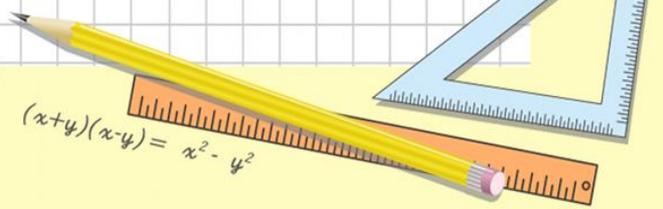
$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$



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



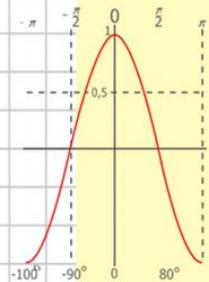
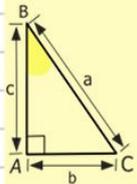
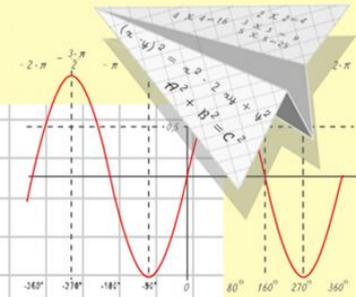
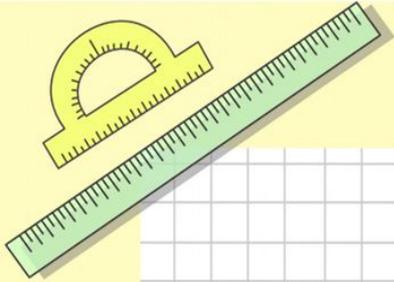
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \\ y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$



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

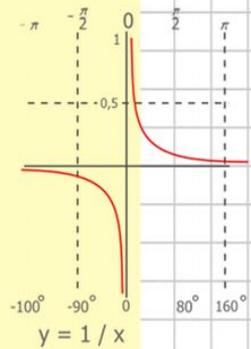
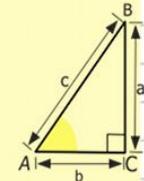
23 ноября

Классная работа



$$y = \cos x$$

- $2 \times 2 = 4$
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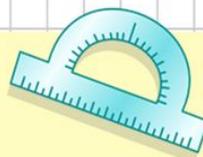


$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$$

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

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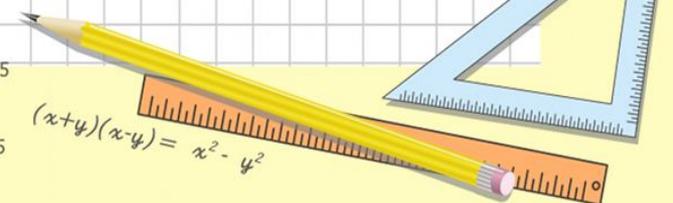


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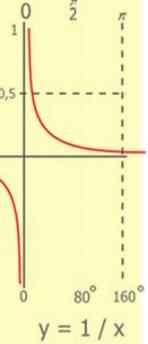
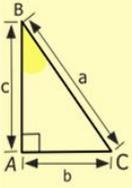
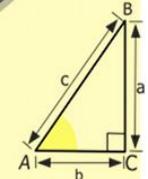
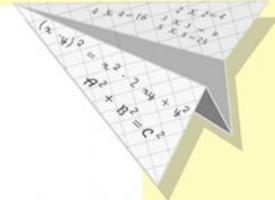
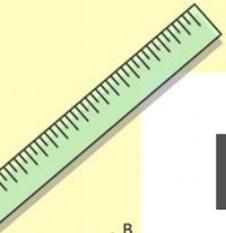
$$\begin{cases} y = 1 \\ x = 25 + 45 \end{cases}$$

$$x = 70$$

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

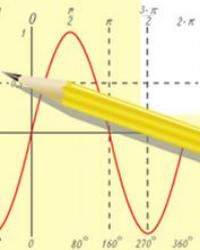


Всякая точная наука основывается на приближительности



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

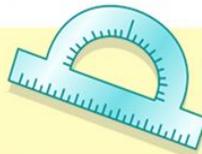
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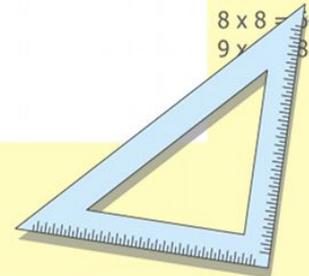
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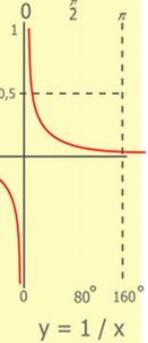
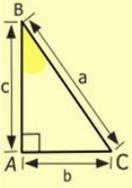
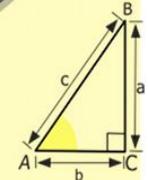
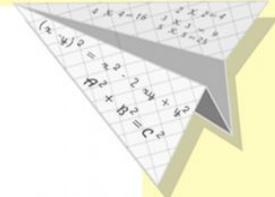
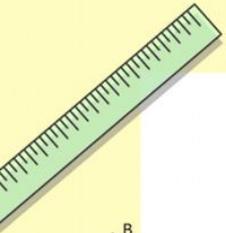
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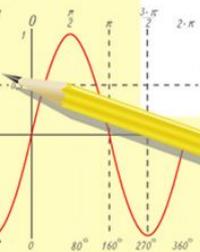
План урока

- Новые знания
- Работа с произведениями
- Работа с задачей



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

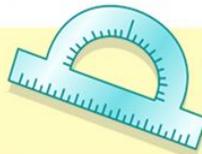
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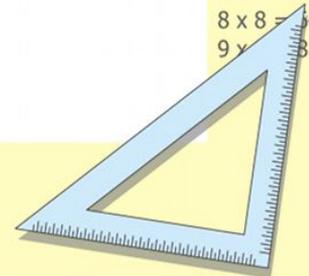
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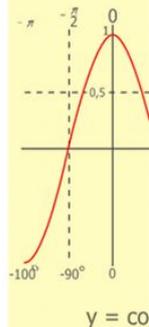
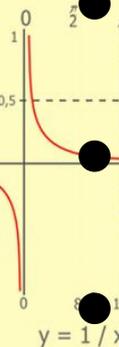
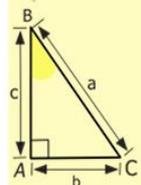
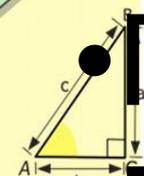
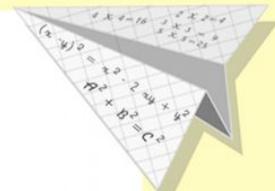
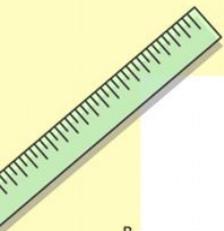
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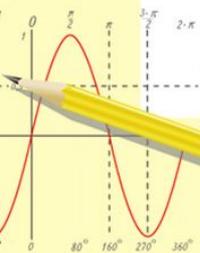
Объясни!

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



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

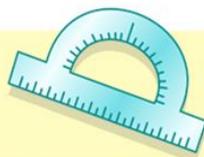
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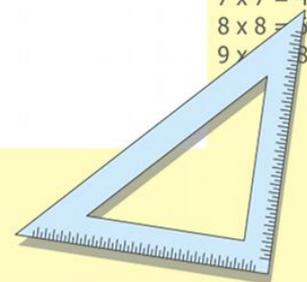
$$\sin 90^\circ = 1$$

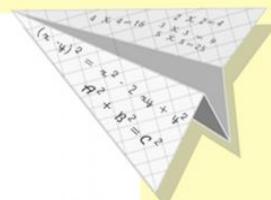
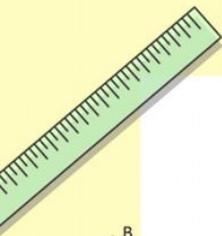


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$$\underline{83 \approx 80};$$

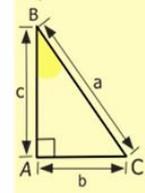
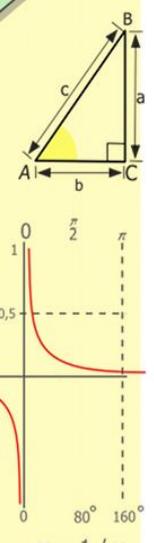
$$83 \approx 90$$

$$\underline{1281 \approx 1280};$$

$$1281 \approx 1290;$$

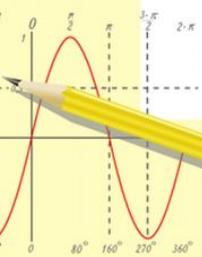
$$326 \approx 320;$$

$$\underline{326 \approx 330};$$



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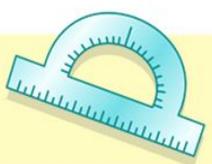
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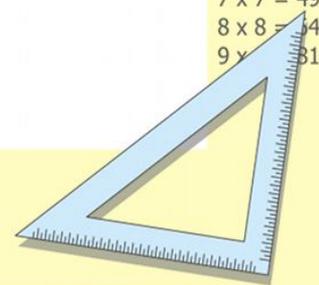
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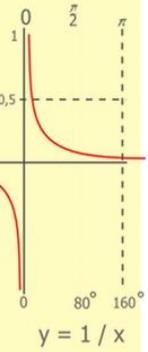
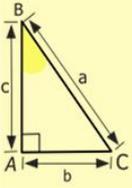
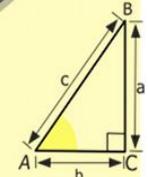
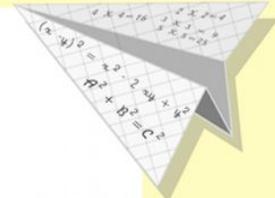
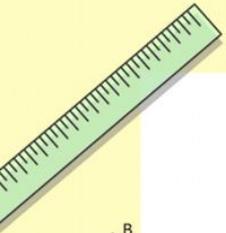
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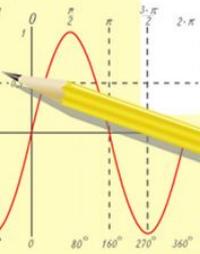


3,7,1,9,6,4



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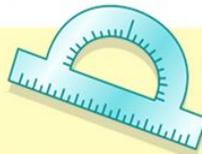
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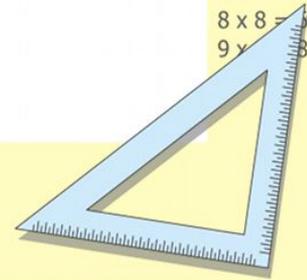
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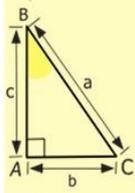
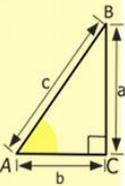
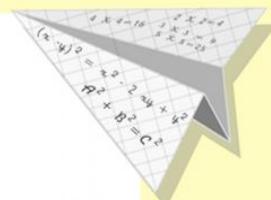
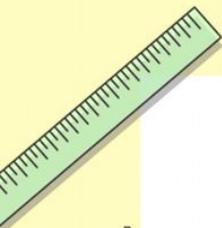


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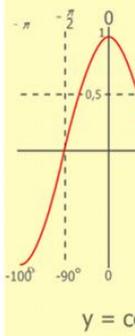
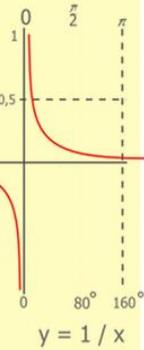


83 ≈ 80;

1281 ≈ 1280;

83 ≈ 90

1281 ≈ 1290;



326 ≈ 320;

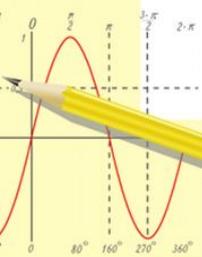
326 ≈ 330;

2500
x 42

2100
+ 84

105000

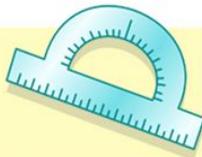
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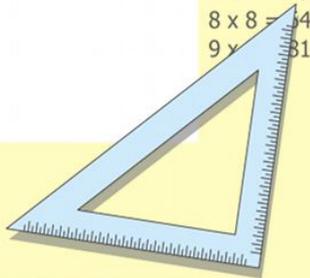
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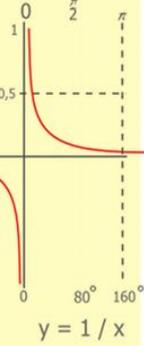
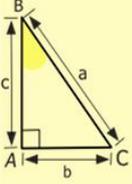
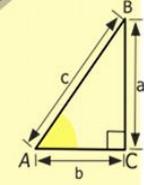
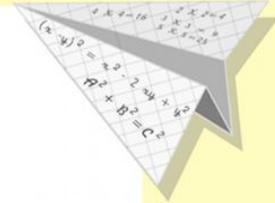
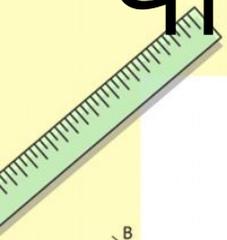
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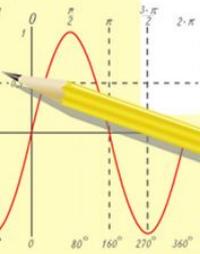
Что значит округлить до десятков?

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



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

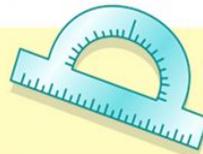
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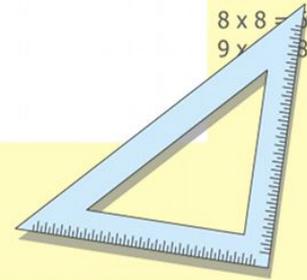
$$\sin 90^\circ = 1$$



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

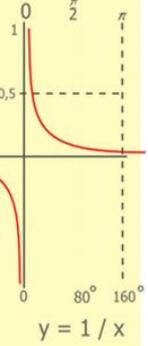
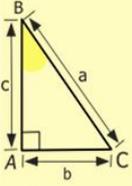
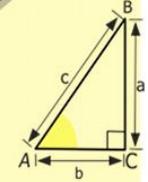
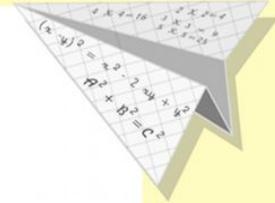
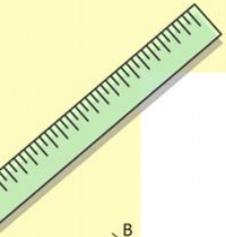
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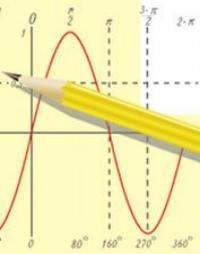
№171(6)

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



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

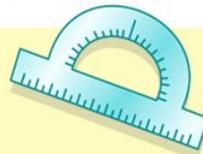
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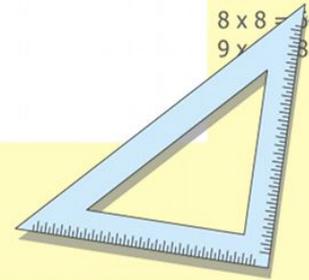
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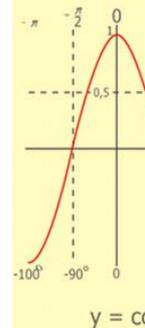
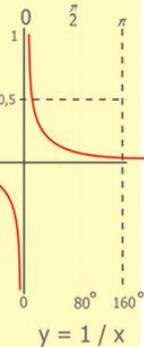
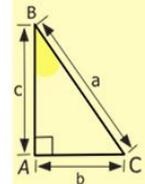
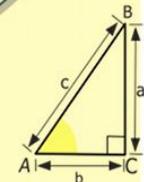
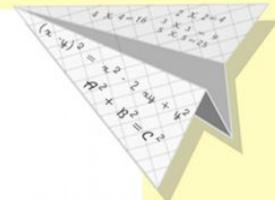
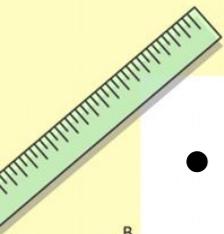
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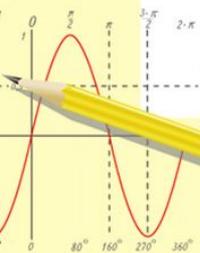


• Оцените работу



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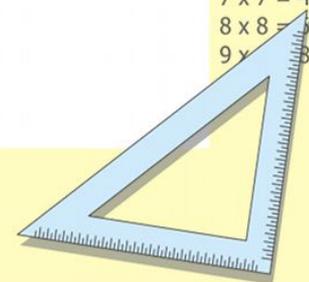
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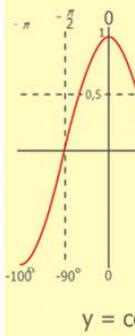
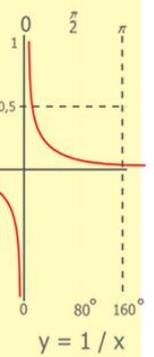
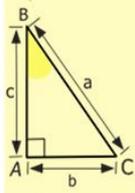
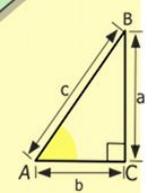
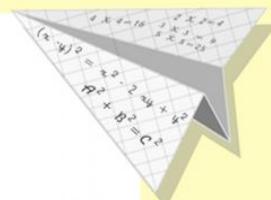
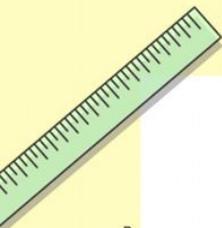


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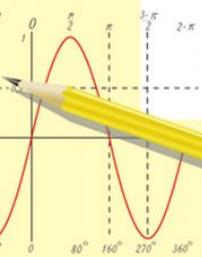




Физкультминутка

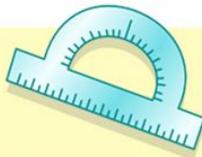
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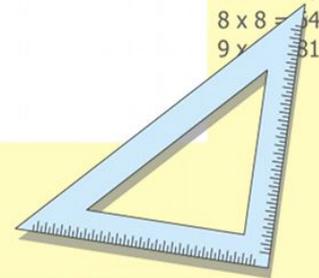
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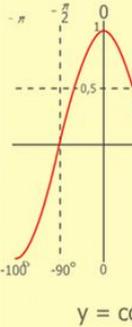
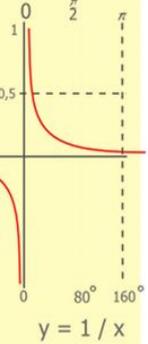
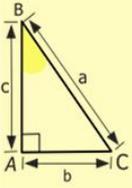
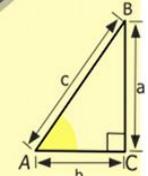
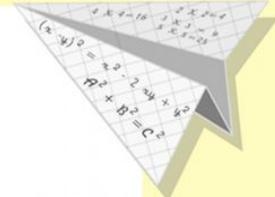
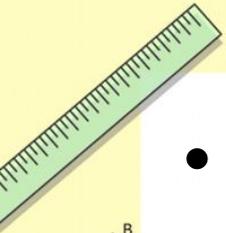
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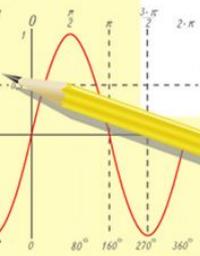
Задача

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



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

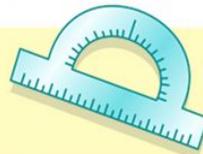
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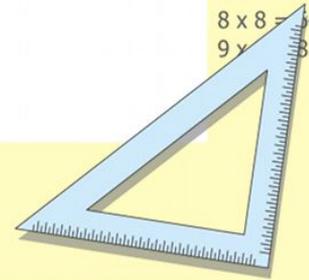
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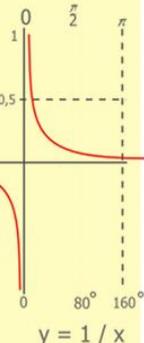
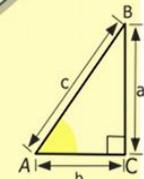
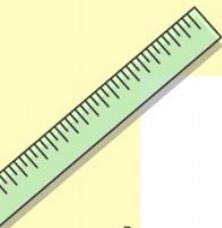
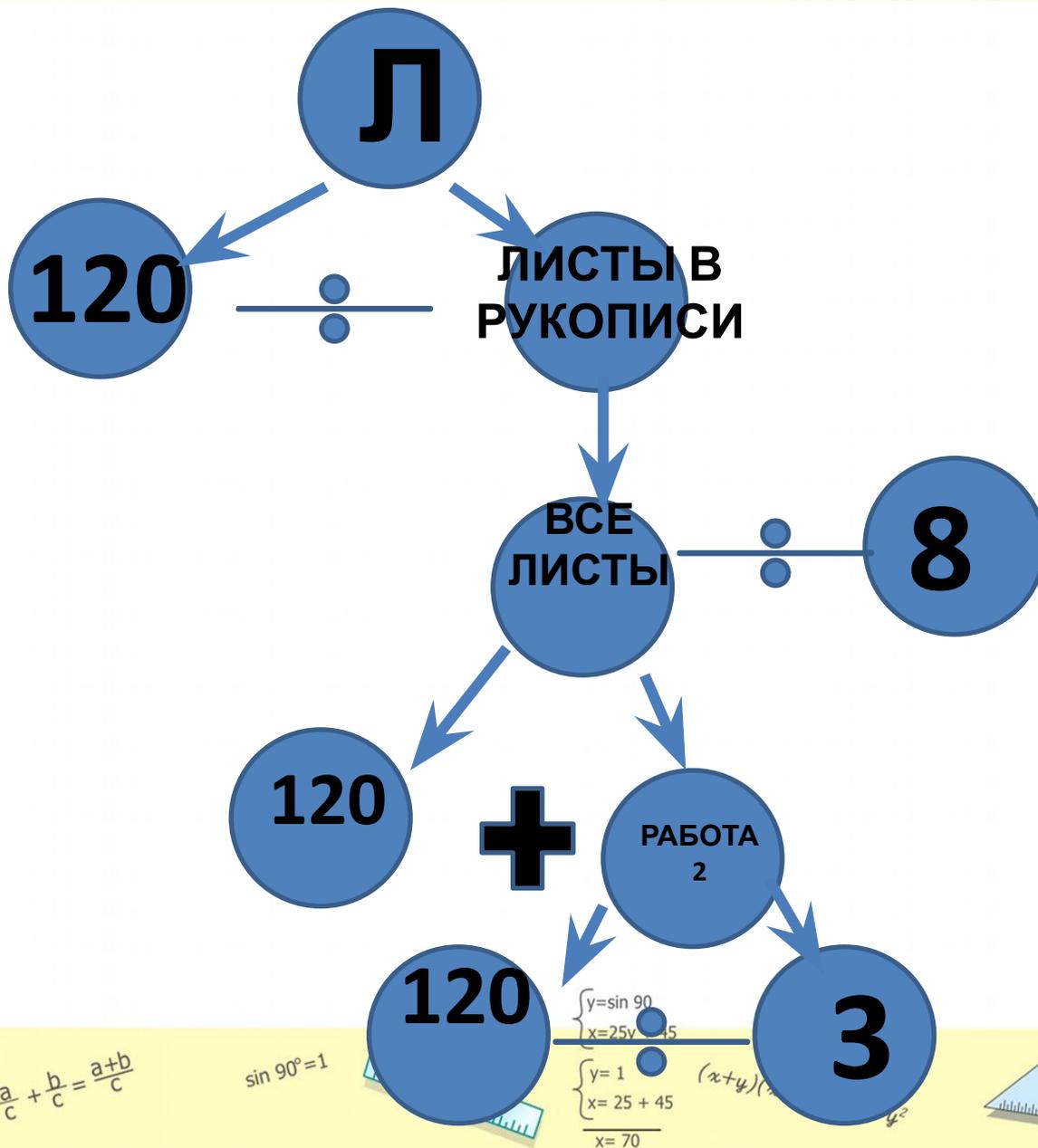
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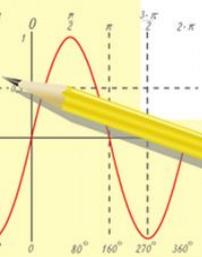
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задача



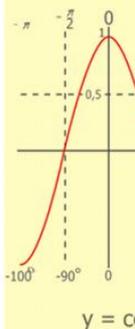
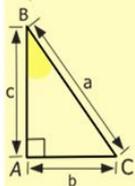
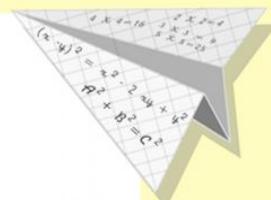
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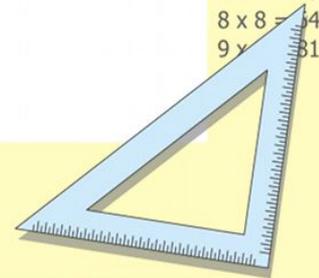
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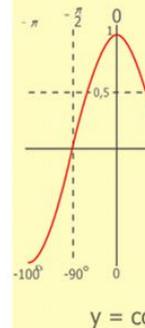
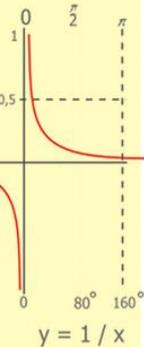
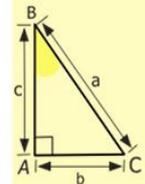
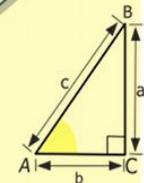
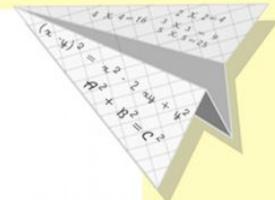
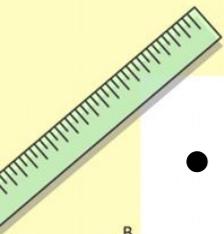
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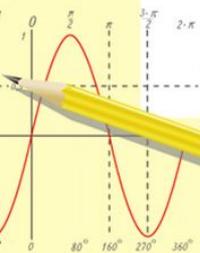


• Оцените работу



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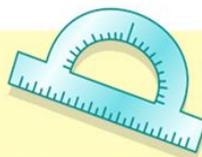
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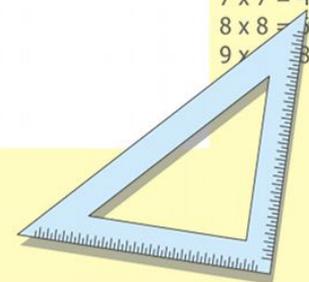
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Найди значение произведения

700 • 240

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

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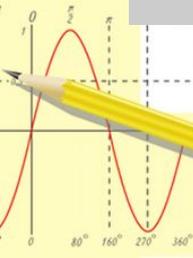
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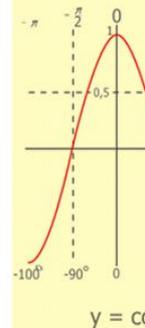
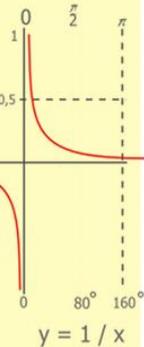
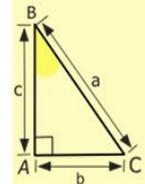
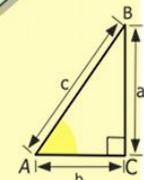
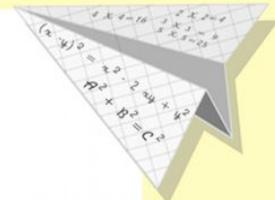
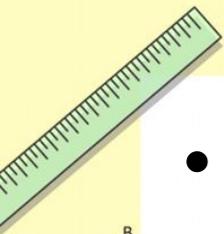
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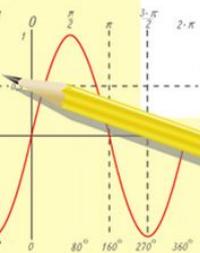
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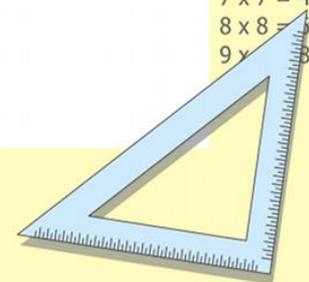
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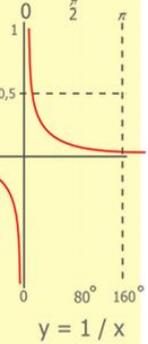
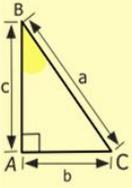
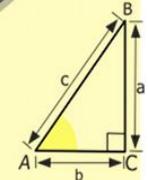
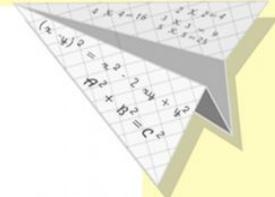
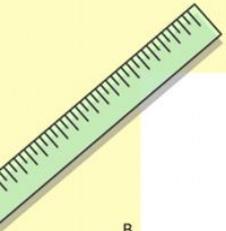
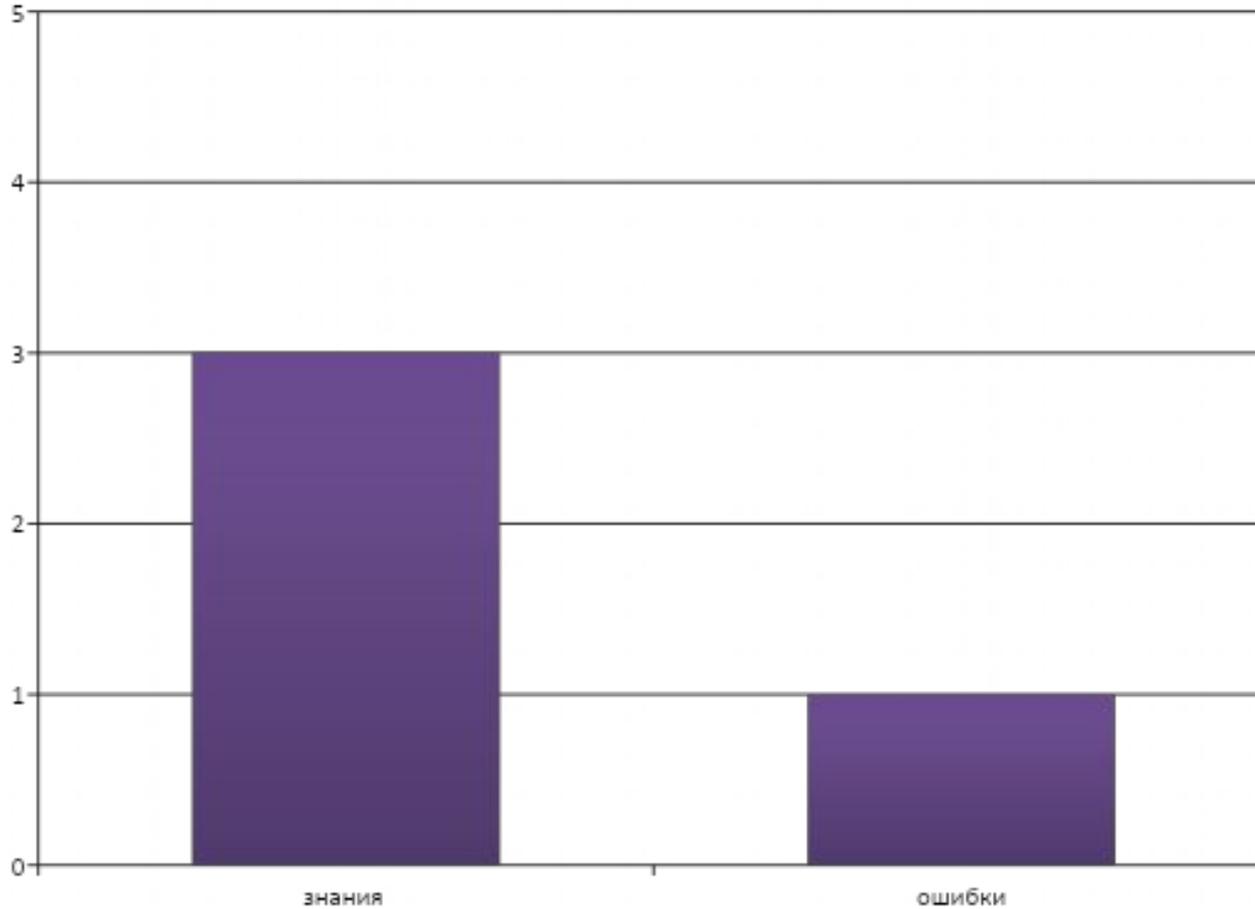
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



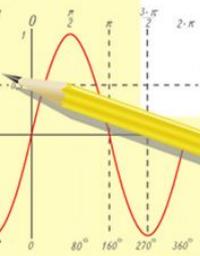
Итог урока

Итог урока



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

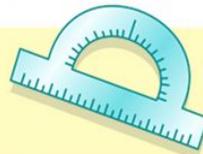
- $2 \times 2 = 4$
- $3 \times 3 = 9$
- $4 \times 4 = 16$
- $5 \times 5 = 25$
- $6 \times 6 = 36$
- $7 \times 7 = 49$
- $8 \times 8 = 64$
- $9 \times 9 = 81$



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

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

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



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

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

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

