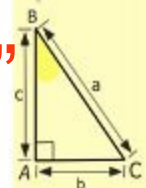
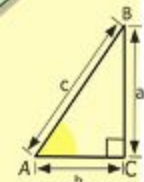
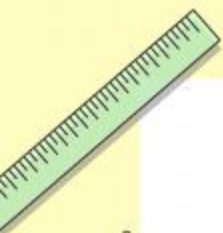


Тест

по теме: "Умножение и деление
положительных и отрицательных чисел"



Выполнила: Васильева Валентина Михайловна
учитель математики МАОУ СОШ №1 с углублённым
изучением математики, физики и литературы



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

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

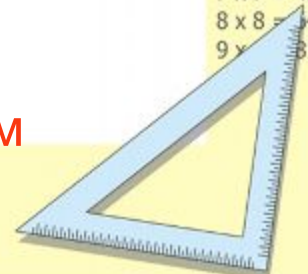


$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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



$$\begin{array}{l} \sqrt{x} \text{ min } 80 \\ x = 25y + 45 \\ x = 25 + 45 \\ x = 70 \end{array}$$



ВОПРОС 1

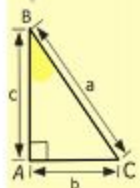
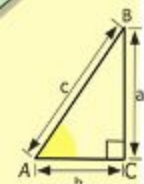
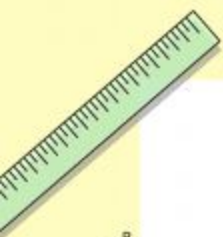
Какие из данных примеров
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а) $-2,5 \cdot (-4) = -10$

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в) $-3,8 \cdot (-3) = 11,4$

г) $-3,7 \cdot 0,1 = 0,37$



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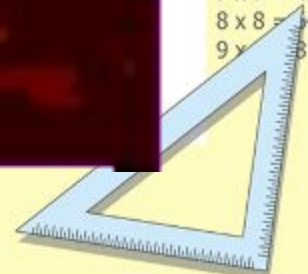
$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

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



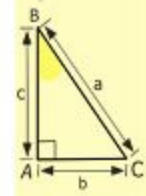
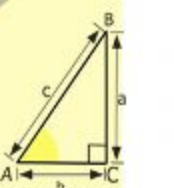
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



НЕВЕРНО!

ПОДУМАЙ ЕЩЁ



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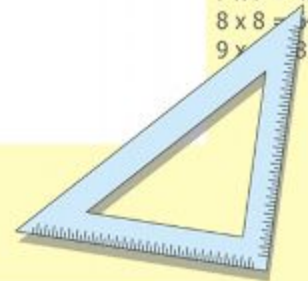
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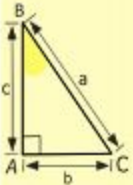
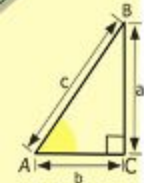
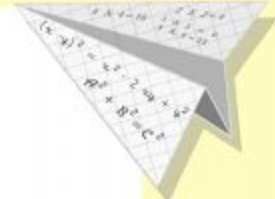
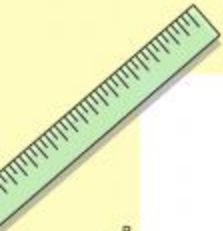
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



МОЛОДЕЦ!

УРА!!!



$$\begin{array}{r} \frac{1}{2} 500 \\ \times 42 \\ \hline 2100 \\ + 84 \\ \hline 105000 \end{array}$$

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

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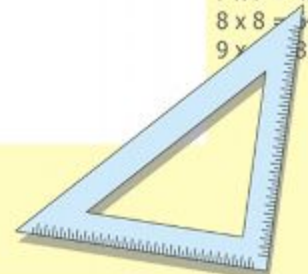
$$\sin 90^\circ = 1$$



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

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

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



ВОПРОС 2

Какие из данных примеров решены верно?

- a) $-6,3 : (-3,1) = -2$
- б) $-1,1 : 0,2 = 5,5$
- в) $-8,4 : (-4,2) = 2$
- г) $-5,6 : 2,8 = -0,2$



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

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

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

$$x = 25y + 45$$

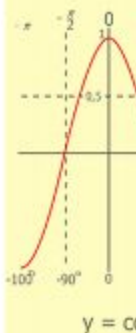
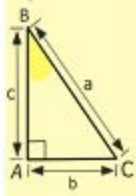
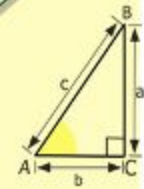
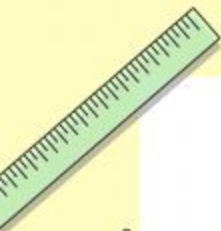
$$\begin{cases} y = 1 \\ x = 25 + 45 \end{cases}$$

$$x = 70$$

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

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

МОЛОДЕЦ!



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

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

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

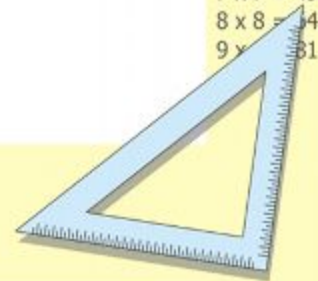
$$\sin 90^\circ = 1$$



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

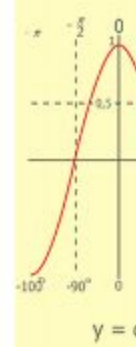
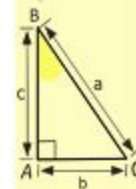
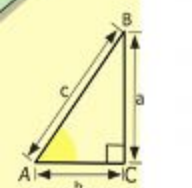
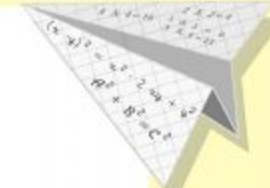
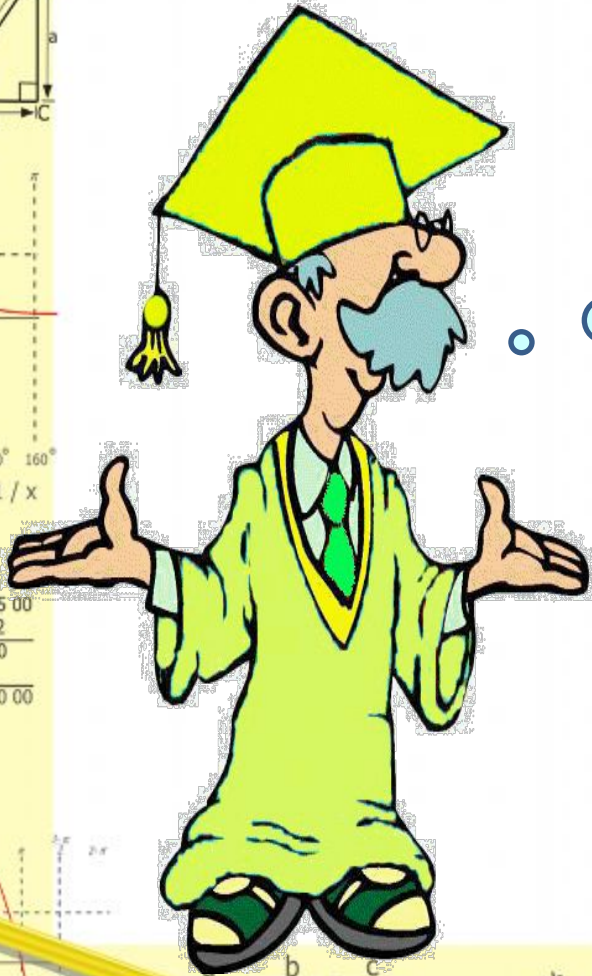
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



НЕВЕРНО!

ПОДУМАЙ ЕЩЁ



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

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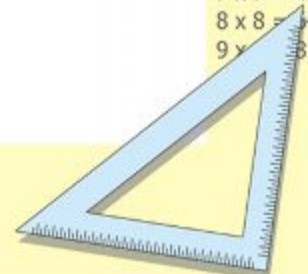
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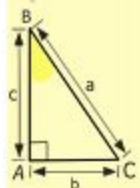
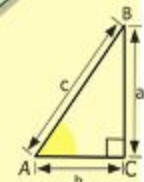
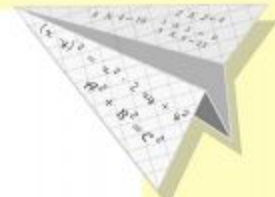
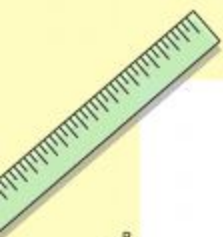


ВОПРОС 3

Решите уравнение.

$$-x \cdot (-6,3) = -12,6$$

- a) 2
- б) 79,38
- в) -2
- г) -79,38



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

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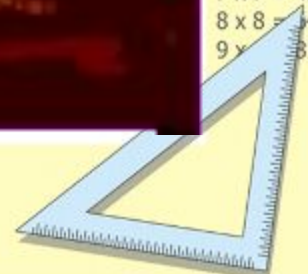


$$\begin{cases} y = \sin 90^\circ \\ x = 25y + 45 \end{cases}$$

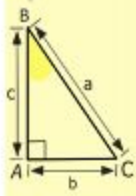
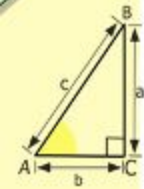
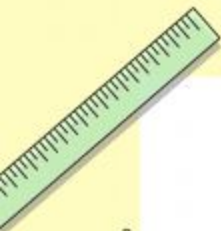
$$\begin{cases} y = 1 \\ x = 25 + 45 \end{cases}$$

$$x = 70$$

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



МОЛОДЕЦ!



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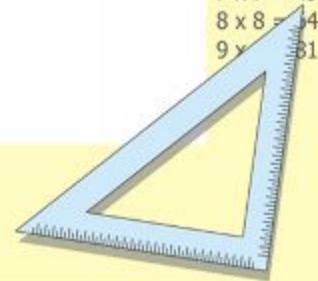
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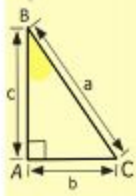
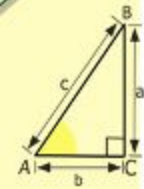
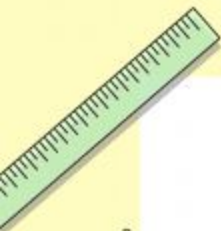
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НЕВЕРНО!

ПОДУМАЙ ЕЩЁ



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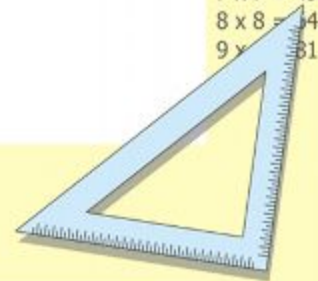
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ВОПРОС 4

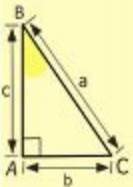
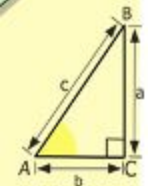
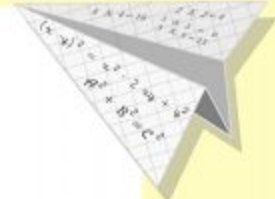
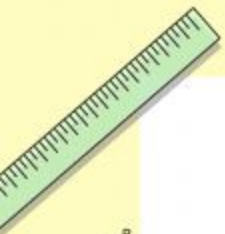
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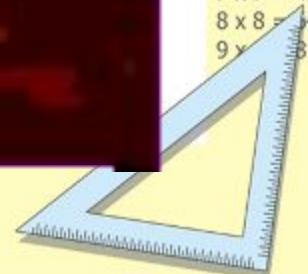
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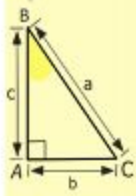
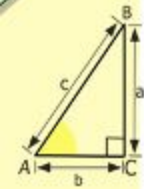


$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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МОЛОДЕЦ!



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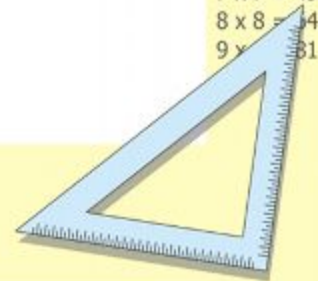
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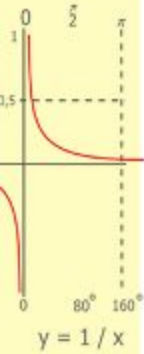
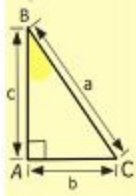
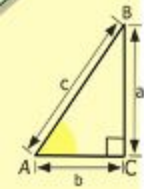
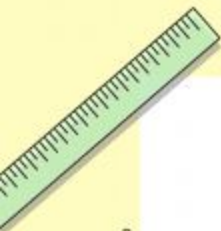
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НЕВЕРНО!

ПОДУМАЙ ЕЩЁ



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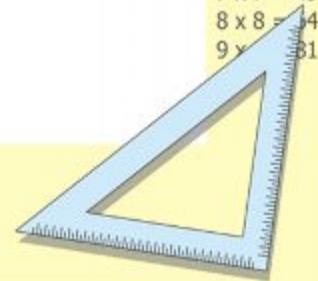
$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

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



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

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



ВОПРОС 5

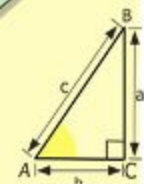
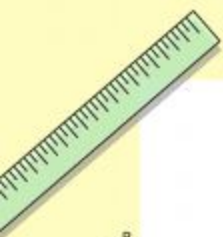
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г) $-3,7 \cdot 0,1 = 0,37$



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



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

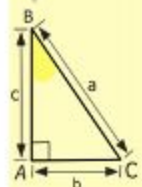
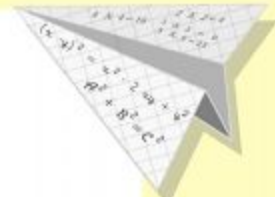
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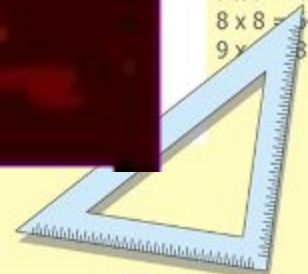


$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

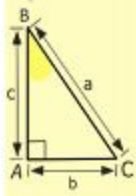
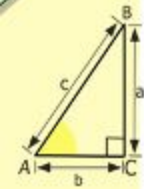
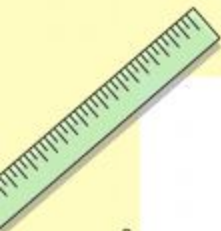
$$(x+y)(x-y) = x^2 - y^2$$



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



МОЛОДЕЦ!



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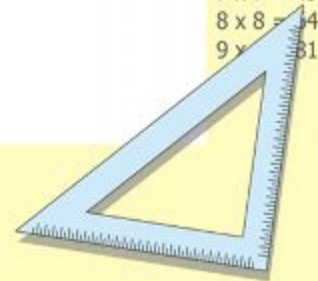
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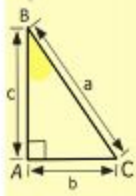
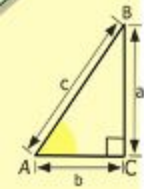
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НЕВЕРНО!

ПОДУМАЙ ЕЩЁ



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

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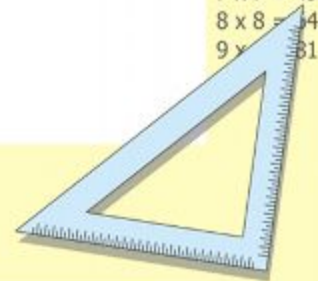
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ВОПРОС 6

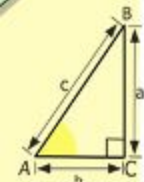
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$$\frac{a}{A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

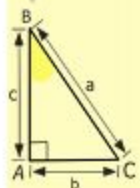
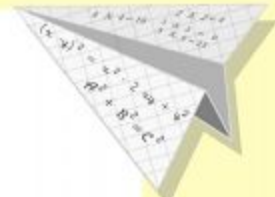
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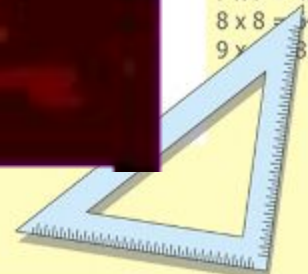


$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

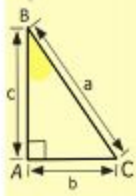
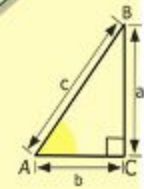
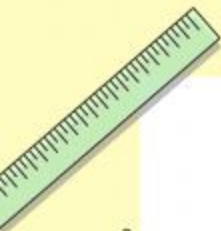
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МОЛОДЕЦ!



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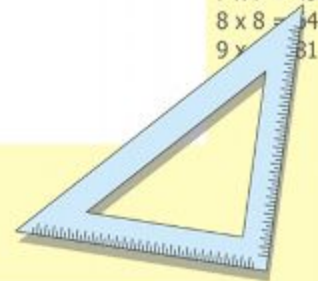
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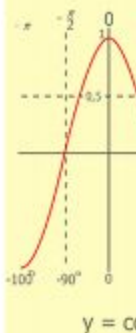
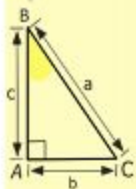
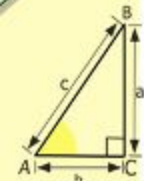
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НЕВЕРНО!

ПОДУМАЙ ЕЩЁ



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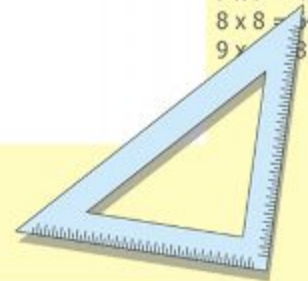
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ВОПРОС 7

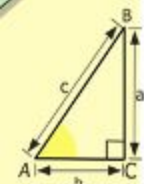
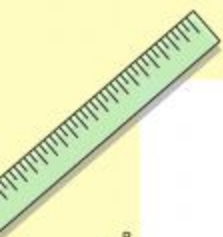
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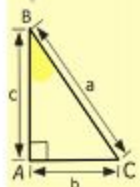
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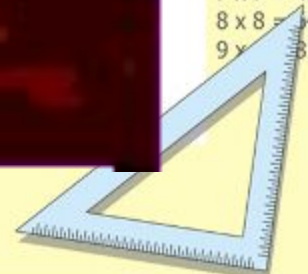


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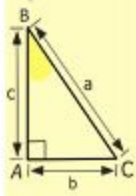
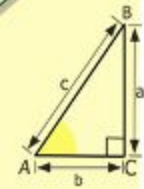
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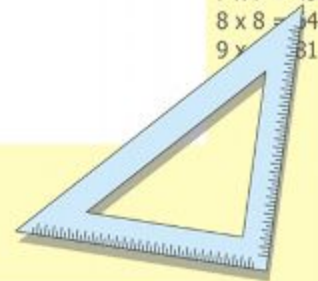
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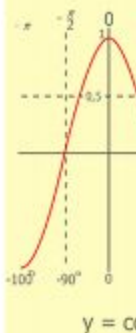
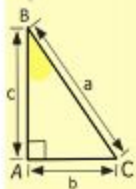
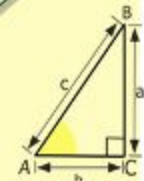
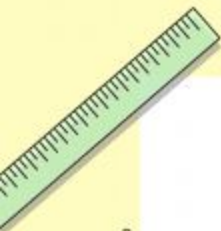
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НЕВЕРНО!

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