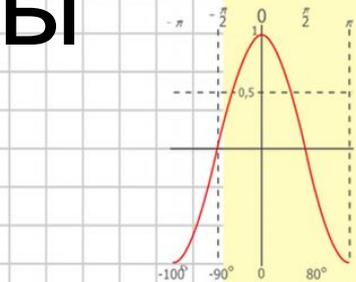
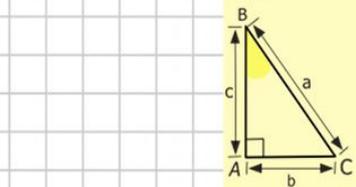
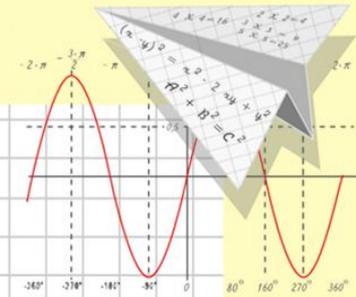
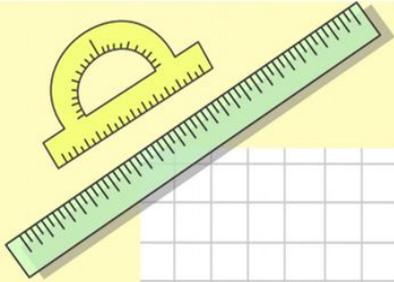


Математик

а

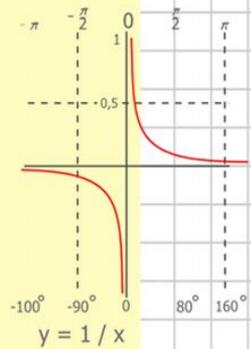
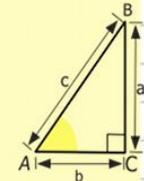
Загадки, задачки, ребусы

Завражных Екатерина,
Овсянникова Ирина



$y = \cos x$

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



$y = 1/x$

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

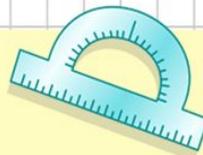


$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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



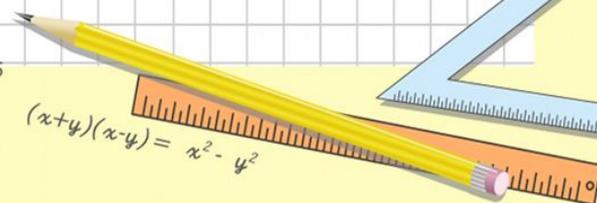
$$\sin 90^\circ = 1$$



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

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

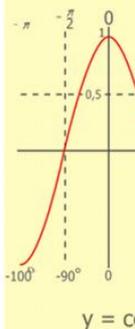
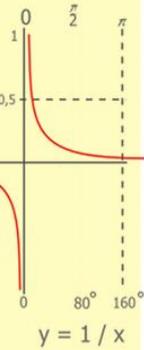
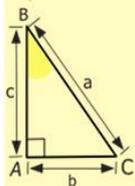
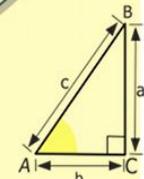
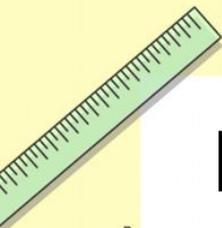
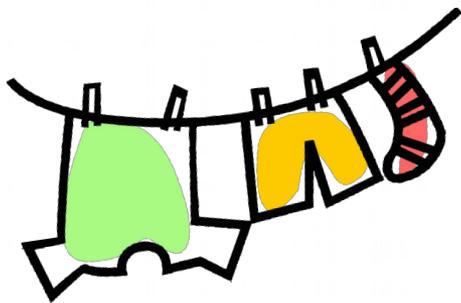
$$x = 70$$



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

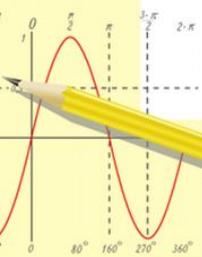
Задача

На верёвке висели и спокойно сохли 8 выстиранных наволочек. 6 наволочек стащила с верёвки и сжевала коза Люська. Сколько наволочек спокойно высохли на верёвке?



$$\begin{array}{r} 1 \\ \times 2500 \\ \hline 2500 \\ \times 42 \\ \hline 2100 \\ + 840 \\ \hline 105000 \end{array}$$

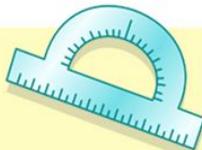
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- 9 x 9 = 81



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

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

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

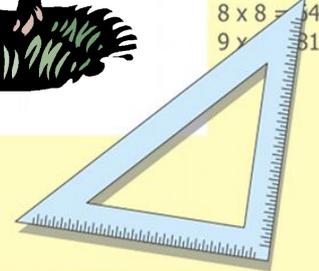


$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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

$$x = 70$$

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



Загадка

Шли семь старцев.

У каждого старца по семи костылей.

На каждом костыле по семи сучков.

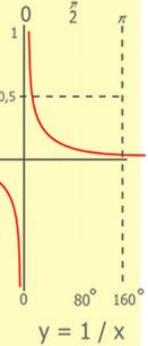
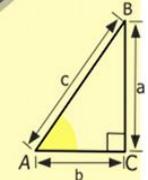
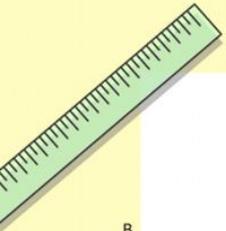
На каждом сучке по семи кошелей.

В каждой кошеле по семи пирогов.

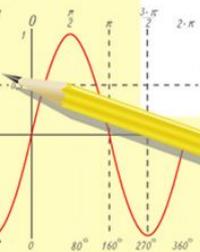
В каждом пироге по семи воробьёв.

Сколько всего?

76



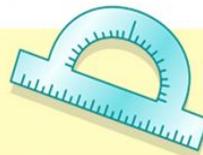
$$\begin{array}{r} \frac{1}{2} 500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 105000 \end{array}$$



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

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

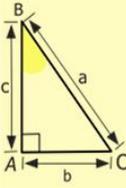
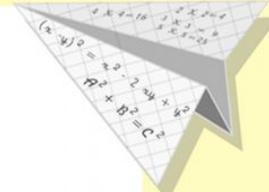
$$\sin 90^\circ = 1$$



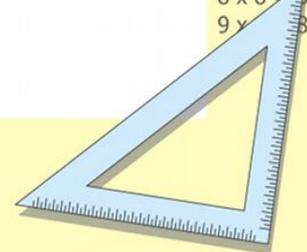
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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

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



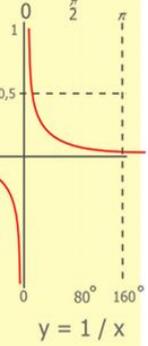
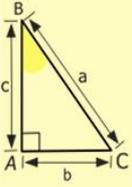
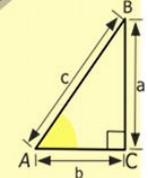
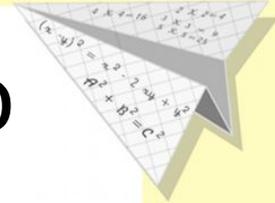
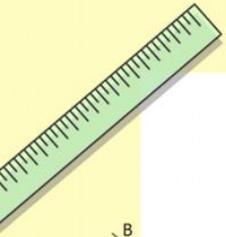
$$\begin{array}{l} 2 \times 2 = 4 \\ 3 \times 3 = 9 \\ 4 \times 4 = 16 \\ 5 \times 5 = 25 \\ 6 \times 6 = 36 \\ 7 \times 7 = 49 \\ 8 \times 8 = 64 \\ 9 \times 9 = 81 \end{array}$$



Загадка

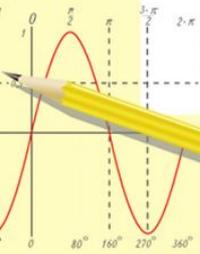
Как записать число 100 шестью цифрами 4?

4 + 4 * 4 - 44 + 4



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

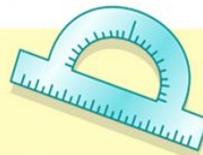
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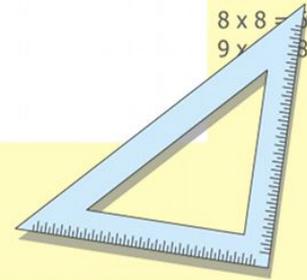
$$\sin 90^\circ = 1$$



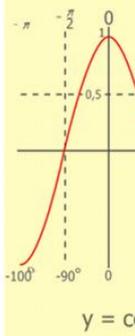
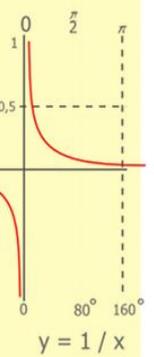
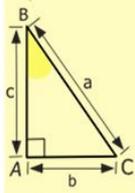
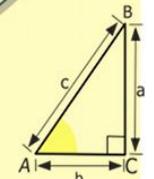
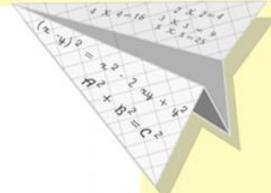
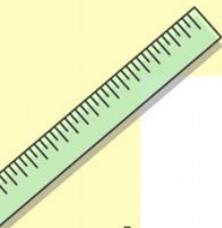
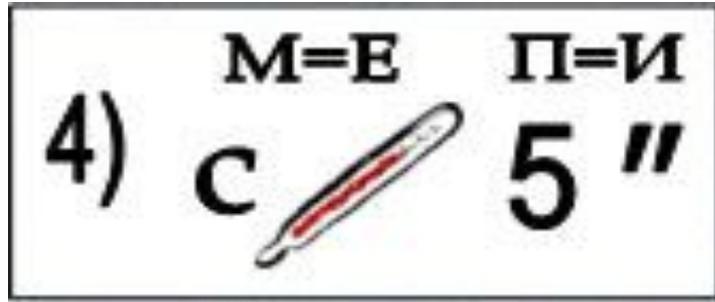
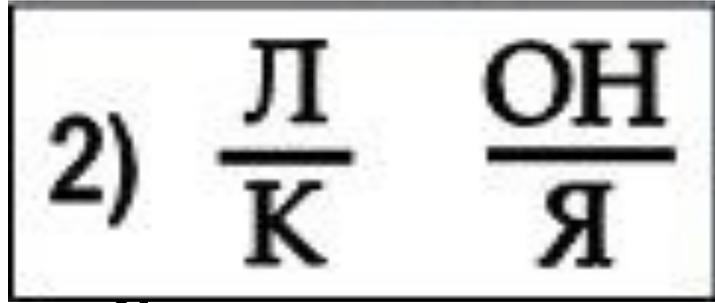
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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

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

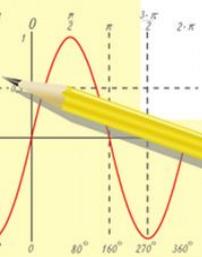


Ребусы



$\begin{array}{r} 12500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 105000 \end{array}$

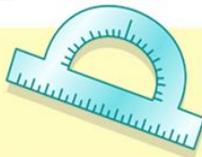
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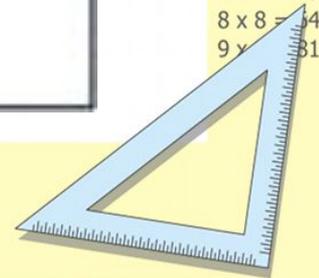


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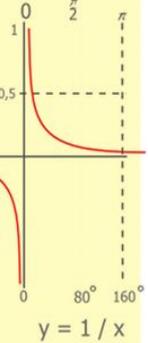
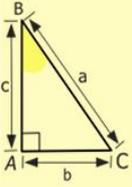
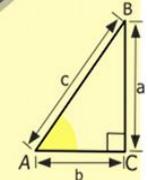
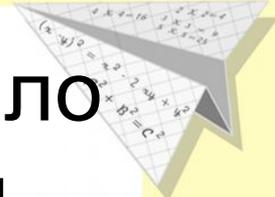
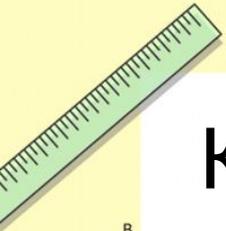
$x = 70$

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



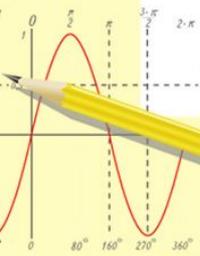
Загадка

Когда моему отцу был 31 год, мне было 8 лет, а теперь отец старше меня вдвое. Сколько мне лет теперь?



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

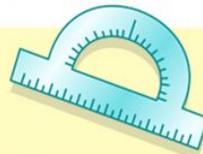
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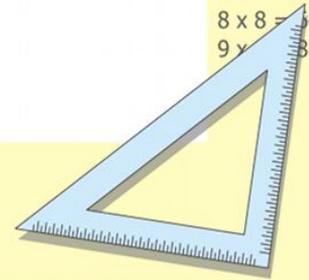
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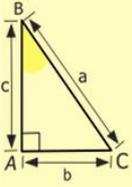
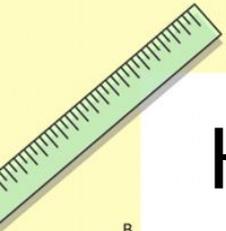
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



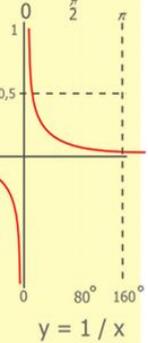
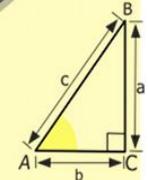
Задача

Коза Люська забодала забор, который держался на 7 столбиках. 3 столбика упали вместе с забором, а остальные остались торчать самостоятельно. Сколько столбиков торчат самостоятельно?



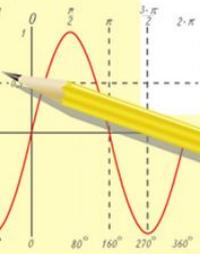
$$y = \cos$$

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$$y = 1/x$$

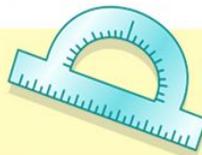
$$\begin{array}{r} 1 \\ \times 2500 \\ \hline 2500 \\ + 42 \\ \hline 210 \\ + 84 \\ \hline 105000 \end{array}$$



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

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

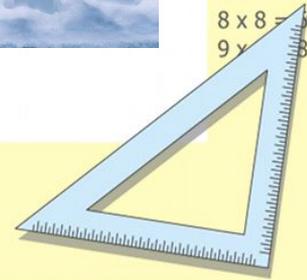


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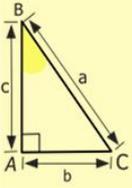
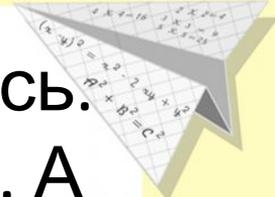
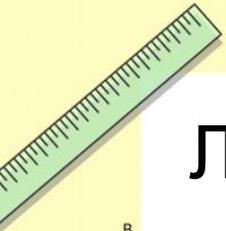
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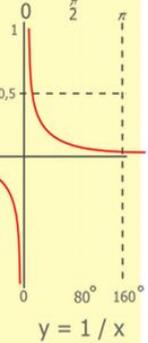
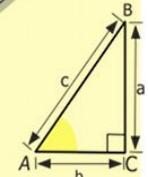
Загадка

Летела стая гусей, а навстречу ему ещё гусь.
Гусь говорит: «Здравствуйте, сто гусей». А
ему отвечают: «Нас не сто гусей, а меньше.
Если бы нас было столько, да ещё
полстолька, да ещё четверть столько, да
ты, гусь, вот тогда было бы нас сто гусей».
Сколько гусей было бы в стае?

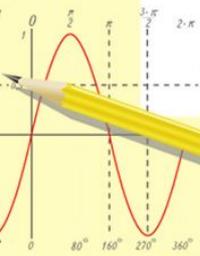


$y = \cos$

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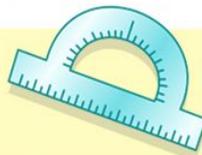
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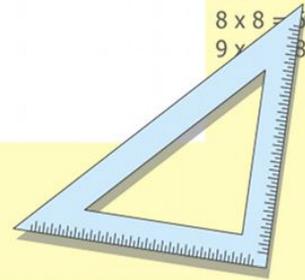
$$\sin 90^\circ = 1$$



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

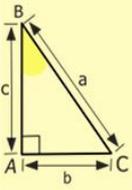
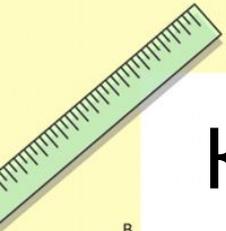
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



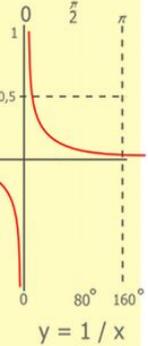
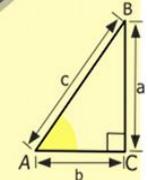
Задача

Коза Люська имеет 4 кривые ноги, а её хозяйка Уля – только 2. Сколько всего ног у них обеих?

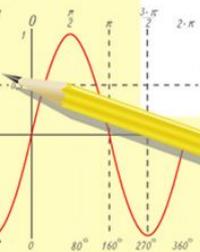


$$y = \cos$$

- $2 \times 2 = 4$
- $3 \times 3 = 9$
- $4 \times 4 = 16$
- $5 \times 5 = 25$
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- $7 \times 7 = 49$
- $8 \times 8 = 64$
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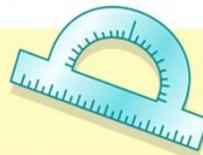
$$\begin{array}{r} 1 \\ \times 2500 \\ \hline 2500 \\ + 42 \\ \hline 210 \\ + 84 \\ \hline 105000 \end{array}$$



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

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

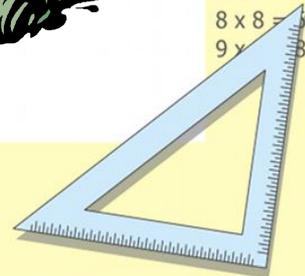
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$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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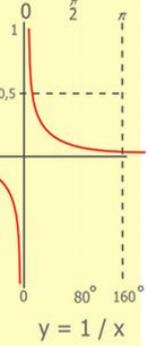
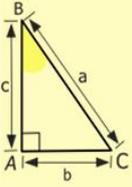
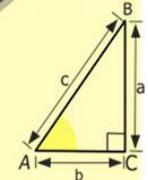
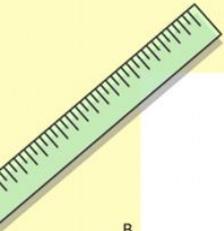
$$(x+y)(x-y) = x^2 - y^2$$



Загадка

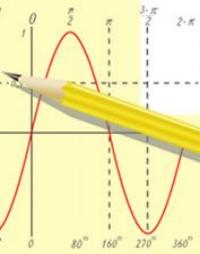
Какой знак надо поставить между написанным рядом цифрами 2 и 3, так чтобы получилось число, больше двух, но меньше трёх?

2 и 3



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

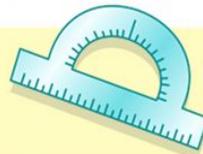
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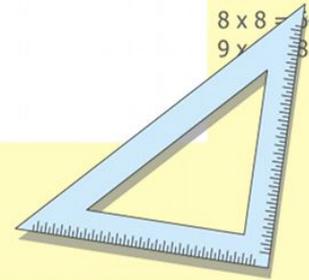
$$\sin 90^\circ = 1$$



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

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

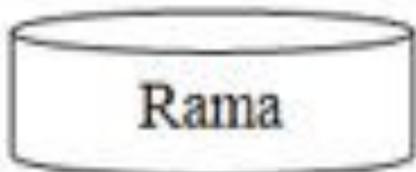
$$(x+y)(x-y) = x^2 - y^2$$



Ребусы

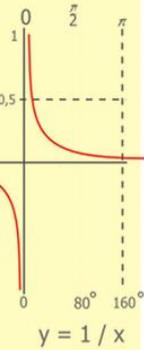
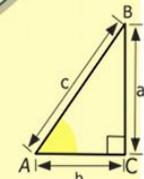
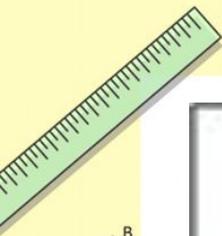
5) Т  3,1,2,3  ' π  Ъ А

Трифтора

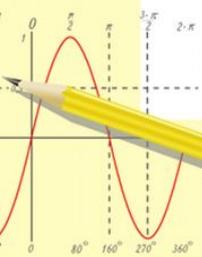
6) Teo  $a_1 = e$

7) '    HT = K

8) За 



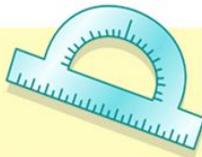
$$\begin{array}{r} 1 \\ \times 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$$



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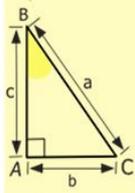
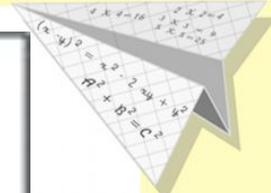
$$\sin 90^\circ = 1$$



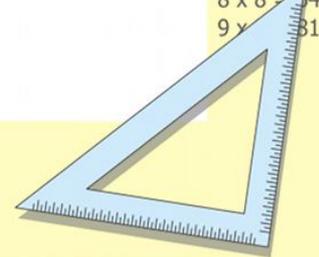
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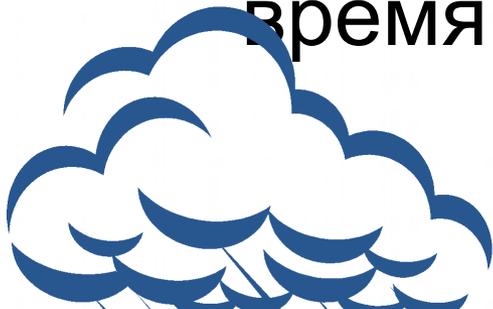


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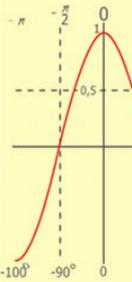
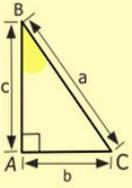
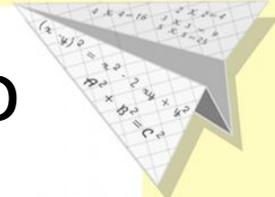
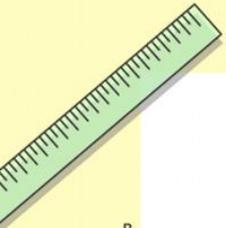


Загадка

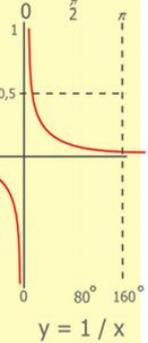
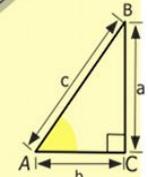
На какое дерево садится ворона во время проливного дождя?



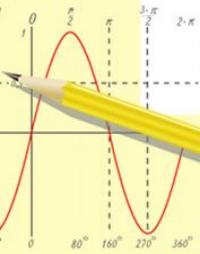
Мокро
е



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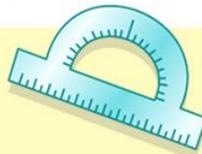
$$\begin{array}{r} 1\ 2\ 5\ 00 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 105\ 000 \end{array}$$



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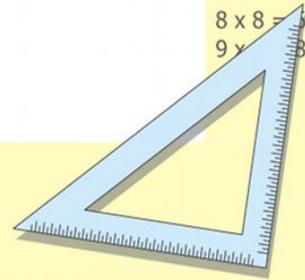
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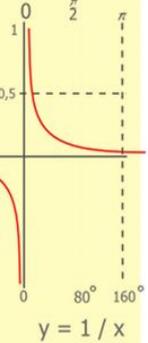
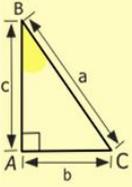
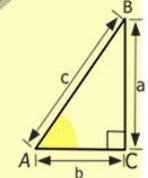
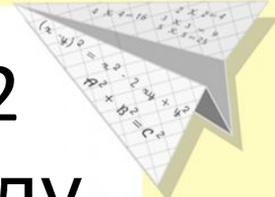
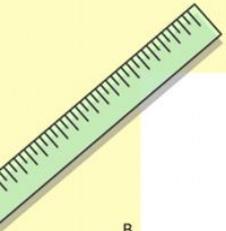
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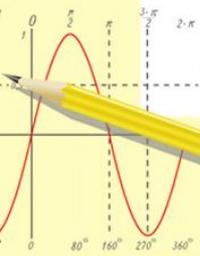
Загадка

Летела стая гусей. 1 гусь впереди, 2 позади, 1 гусь между двумя и 3 в ряду. Сколько всего гусей.



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

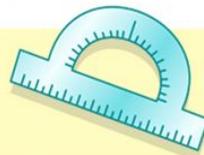
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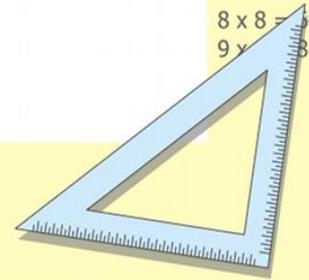
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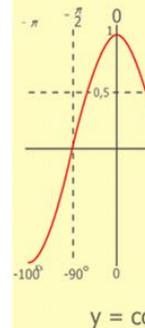
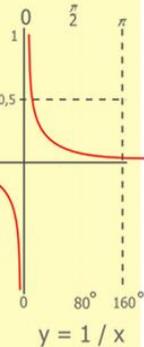
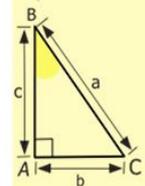
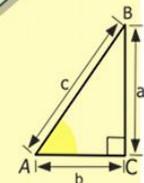
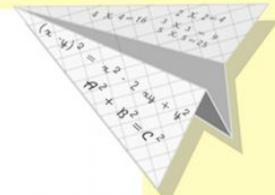
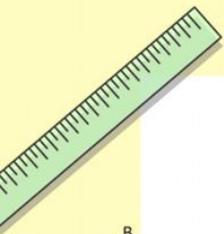
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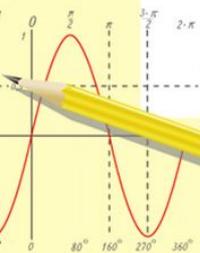


Спасибо за ВНИМАНИЕ!



$$\begin{array}{r} 1\ 5\ 00 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 105\ 000 \end{array}$$

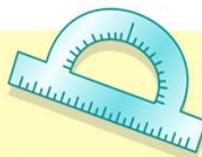
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