

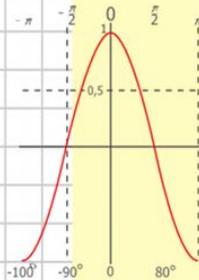
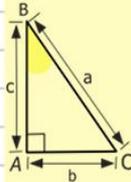
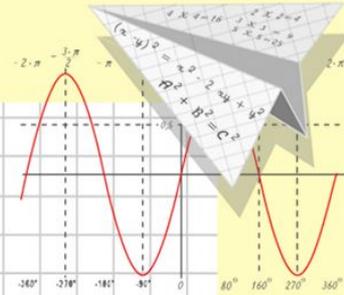
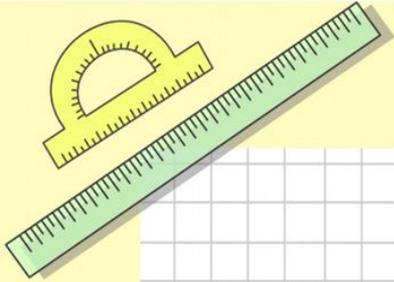
Математик

а

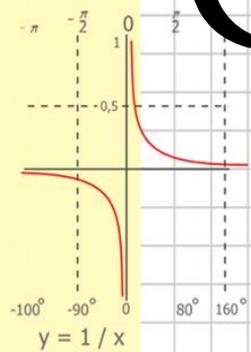
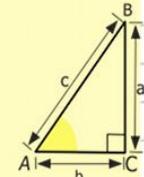
Считай, смекай, отгадывай!

Подготовила студентка группы 42
«У»

Погодина Александра



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



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

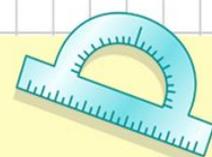


$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

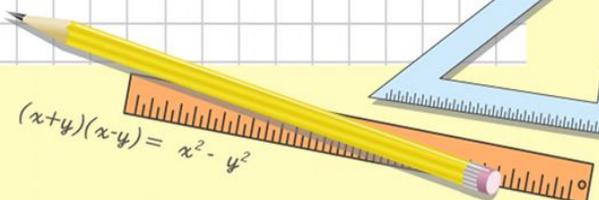
$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$



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



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



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

Устный счет

1 ряд:

$9 - 4 = 5$

$24 : 8 = 3$

$9 - 2 = 7$

$36 : 4 = 9$

$4 - 4 = 0$

2 ряд:

$8 - 3 = 5$

$16 : 8 = 2$

$5 - 3 = 2$

$6 - 4 = 2$

$6 - 3 = 3$

3 ряд:

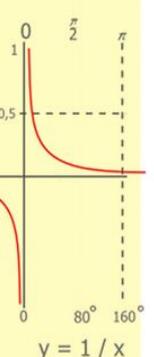
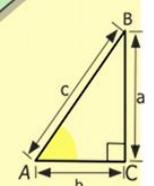
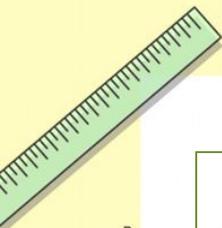
$28 : 4 = 7$

$7 - 4 = 3$

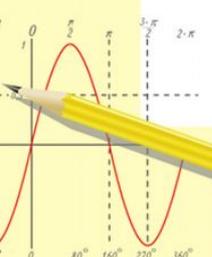
$27 : 9 = 3$

$21 : 3 = 7$

$18 : 6 = 3$



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



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

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

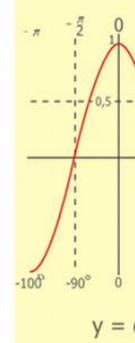
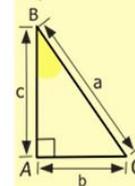
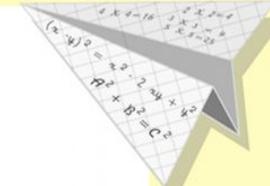
$\sin 90^\circ = 1$



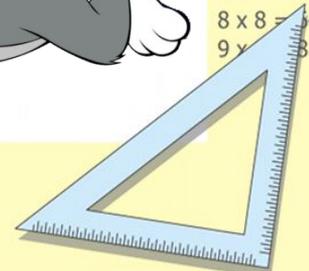
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

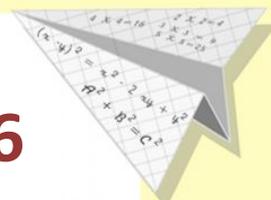
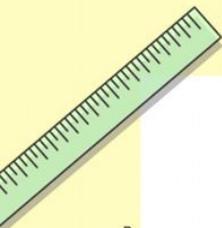
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



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





$8 * 3 = 24$

$21 : 3 = 7$

$9 * 4 = 36$

$12 : 4 = 3$

$3 * 7 = 21$

$5 * 6 = 30$

$15 : 3 = 5$

$18 : 6 = 3$

$30 : 5 = 6$

$18 : 3 = 9$

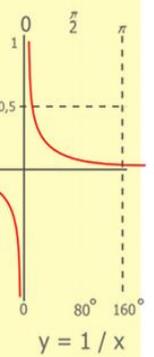
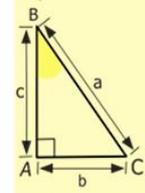
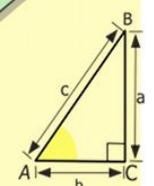
$5 * 4 = 20$

$10 : 2 = 5$

$20 : 5 = 4$

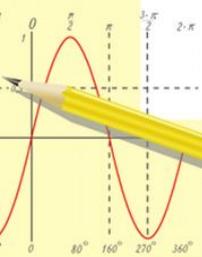
$9 : 3 = 3$

$18 : 9 = 2$



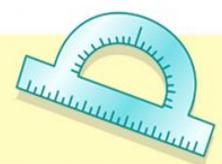
$\frac{1}{2} 5 00$
 $\times 42$
 $\hline 210$
 $+ 84$
 $\hline 105000$

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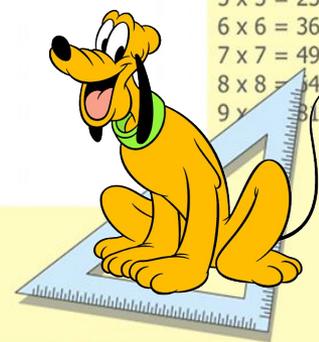
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Лисица учила своих
малышей

Ловить под кустами

Весёлых мышей

Мыши слышали злую лису

И спрятались все

Под ёлкой в лесу.

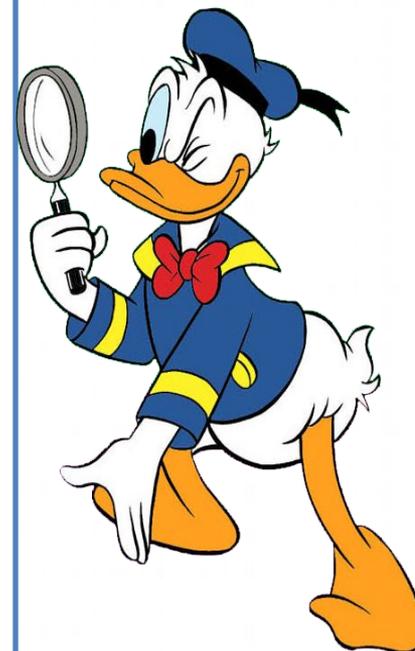
Мышек же было всего
только 5,

У каждой мышки по 9
мышат,

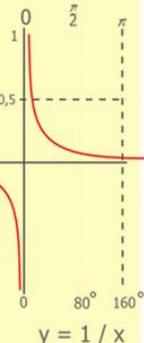
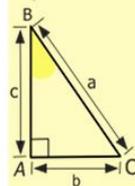
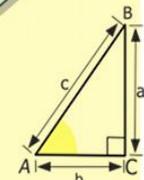
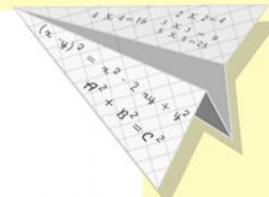
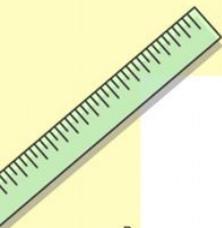
Так сколько скажите,

Мышей и мышат

Под елью ветвистой

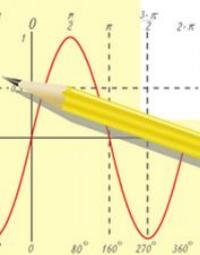


45



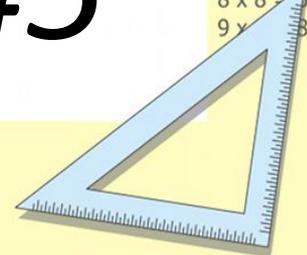
$$\begin{array}{r} 1\ 2\ 5\ 00 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 105\ 000 \end{array}$$

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Продолжите высказывание

$$1 \text{ м} = 10 \text{ дм}$$

;

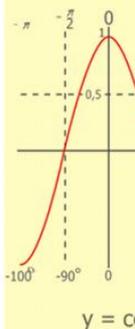
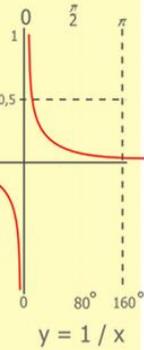
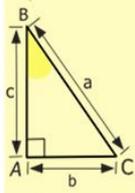
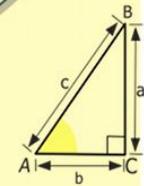
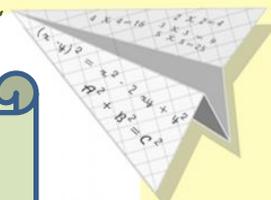
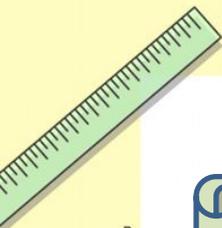
$$= 100 \text{ см}$$

$$1 \text{ дм} = 10 \text{ см}$$

;

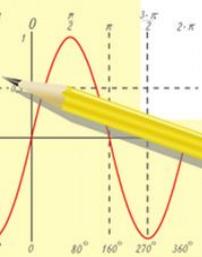
$$= 100 \text{ мм}$$

$$1 \text{ см} = 10 \text{ мм}$$



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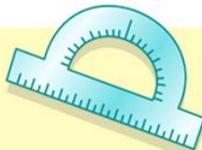
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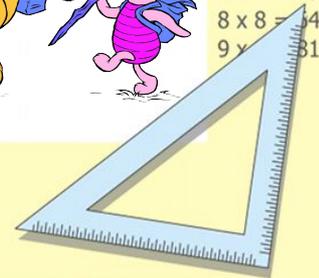
$$\sin 90^\circ = 1$$



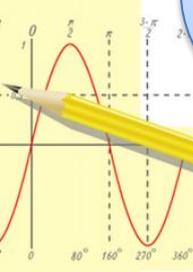
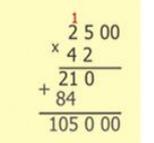
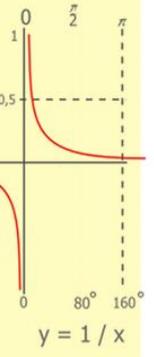
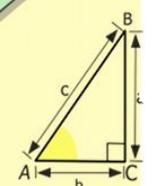
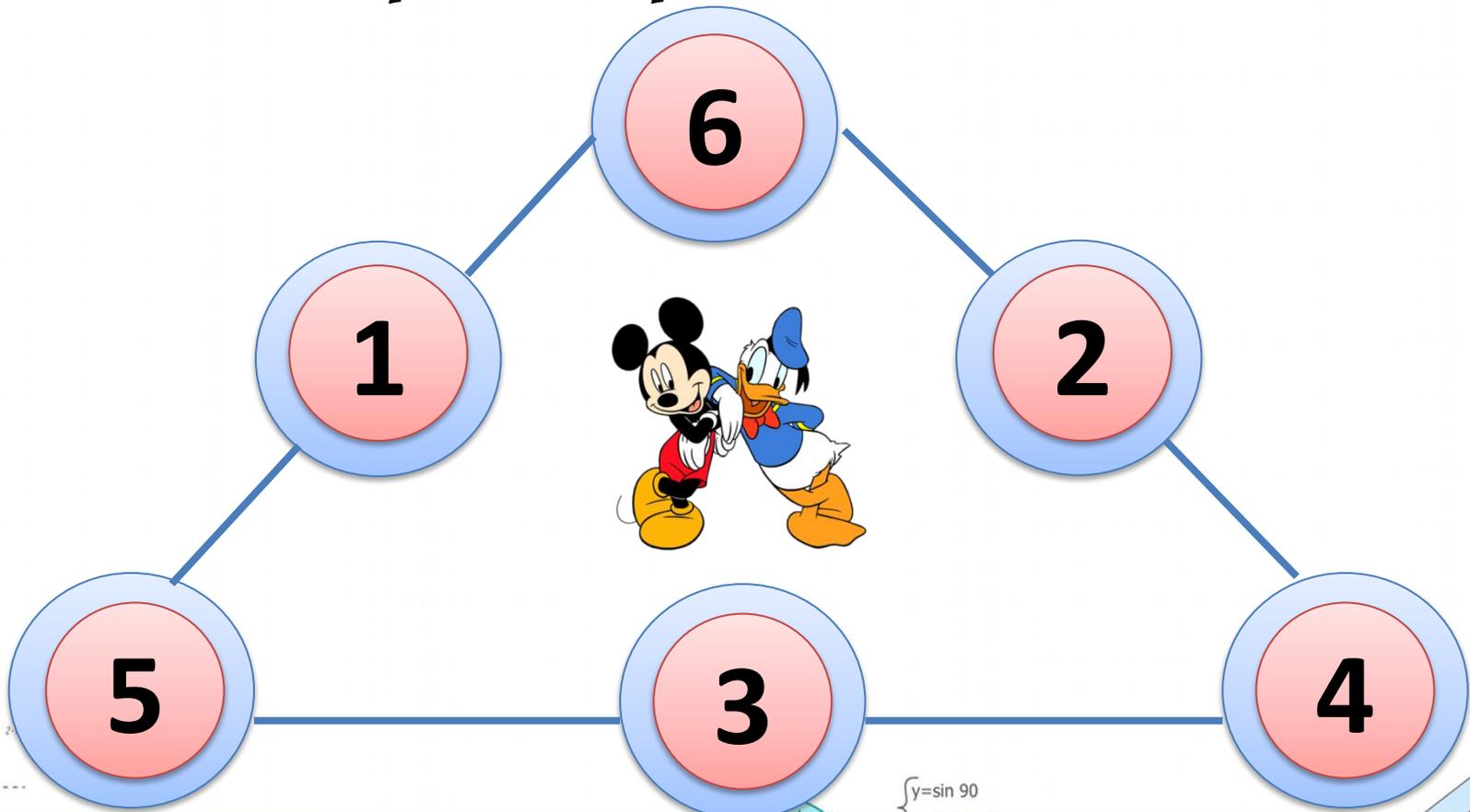
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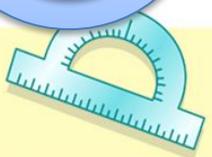
Расставьте числа от 1 до 6 так, чтобы сумма вдоль каждой стороны равнялась 12



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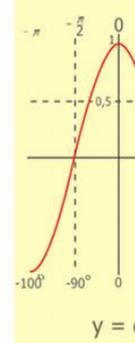
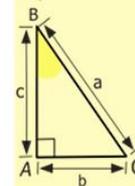
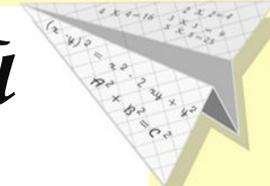
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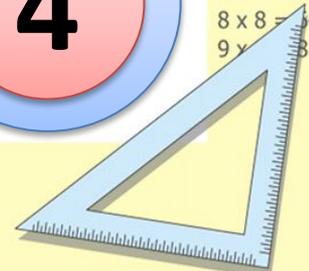
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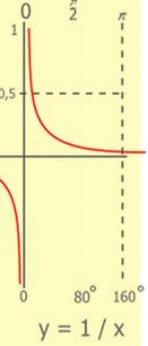
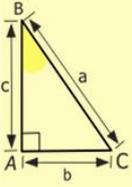
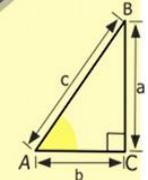
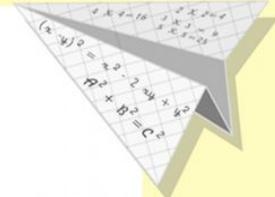
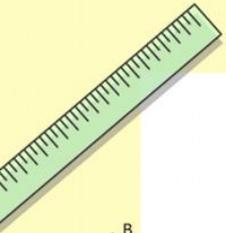
Сравните величины

8 см 3 мм $>$ 38 мм

56 мм $=$ 5 см 6 мм

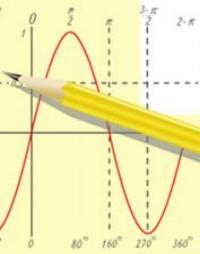
35 см $<$ 3 дм 6 см

67 дм $>$ 6 м 5 дм



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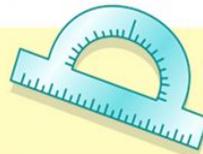
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Задача

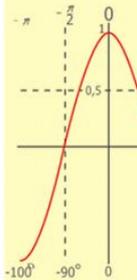
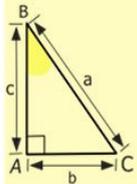
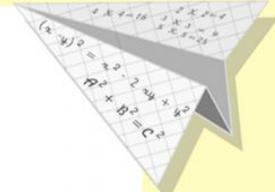
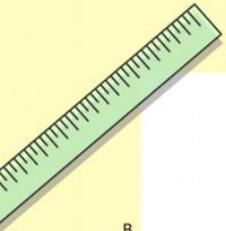
От мотка провода длиной 96 метров отрезали $\frac{1}{4}$ часть. Сколько метров провода отрезали?

4 м

16 м

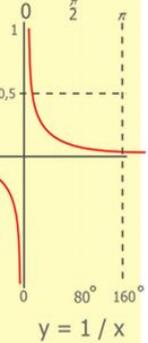
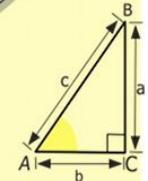
24 м

92 м



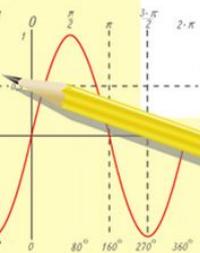
$y = \cos$

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$y = 1/x$

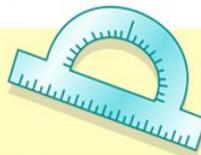
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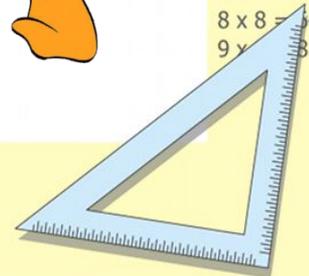
$\sin 90^\circ = 1$



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

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

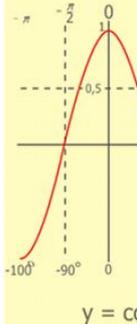
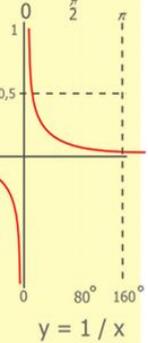
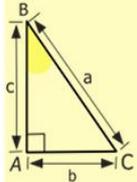
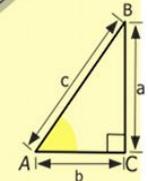
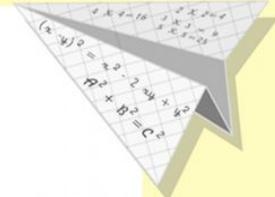
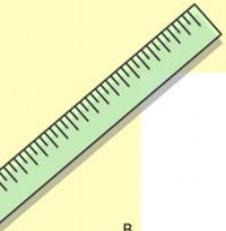
$$(x+y)(x-y) = x^2 - y^2$$



Задача

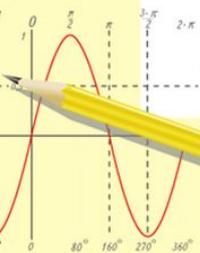
В зале стояло 210 стульев. 50 из них отнесли в столовую, а остальные поставили в ряды по 20 стульев. Сколько рядов стульев получилось?

- 8
- 9
- 11
- 60



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

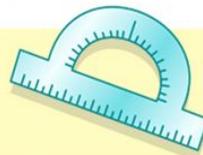
- $2 \times 2 = 4$
- $3 \times 3 = 9$
- $4 \times 4 = 16$
- $5 \times 5 = 25$
- $6 \times 6 = 36$
- $7 \times 7 = 49$
- $8 \times 8 = 64$
- $9 \times 9 = 81$



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

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

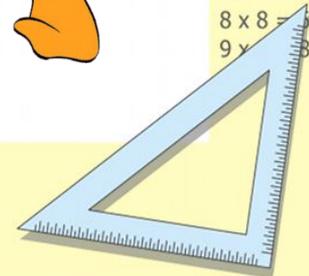
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Задача

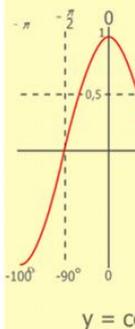
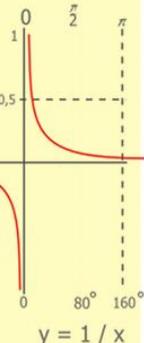
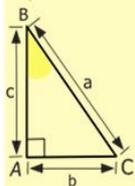
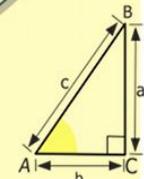
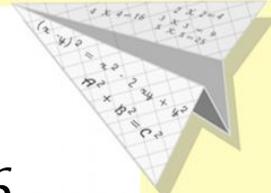
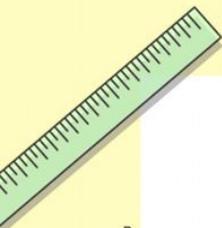
В саду посадили 5 рядов малины, по 8 кустов в каждом ряду, и столько же рядов крыжовника по 6 кустов в каждом ряду. Сколько всего кустов малины и крыжовника посадили?

$$(5 + 8) \times 6 = 78 \text{ (к.)}$$

$$\underline{8 \times 5 + 6 \times 5 = 70 \text{ (к.)}}$$

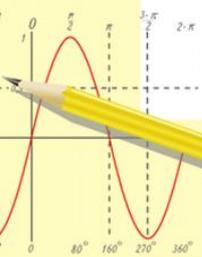
$$(6 + 5) \times 8 = 88 \text{ (к.)}$$

$$(8 + 6) \times 5 = 70 \text{ (к.)}$$



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

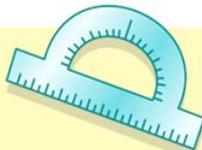
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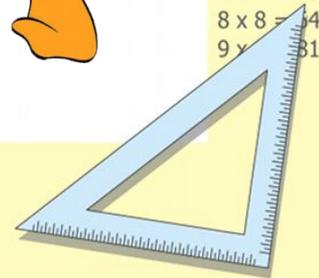
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Решите головоломку

Какие нужно поставить знаки, чтобы получилось ?

$$33333=22$$

$$(33+33):3=22$$

$$9999=20$$

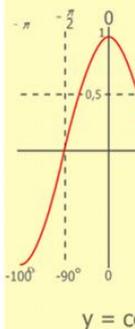
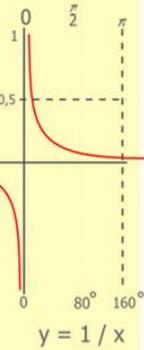
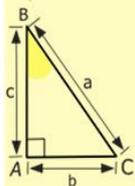
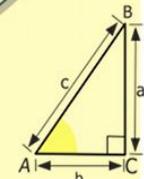
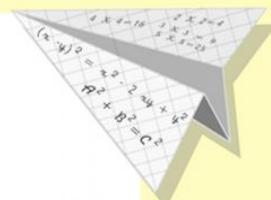
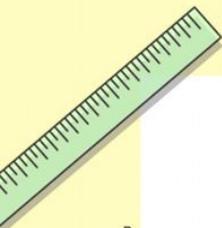
$$99:9+9=20$$

$$5555=50$$

$$5.5+5.5=50$$

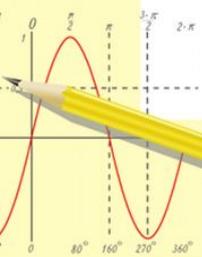
$$8888=520$$

$$8.8.8+8=520$$



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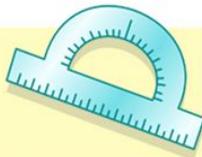
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