

Математик

а

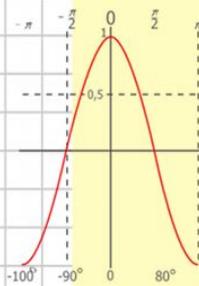
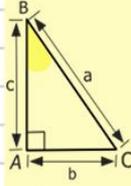
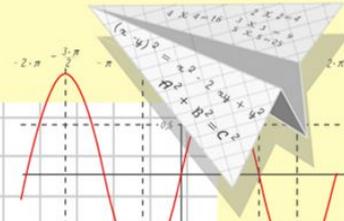
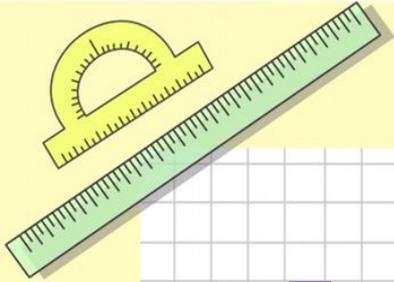
Математический

КВН

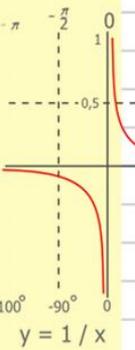
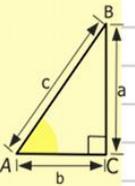


Игра для учащихся

5-6 классов



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

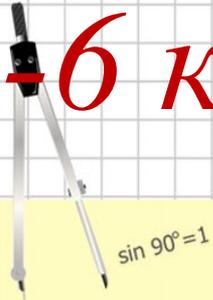


$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 105000 \end{array}$$

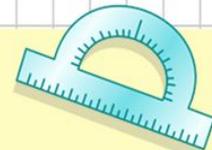


$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

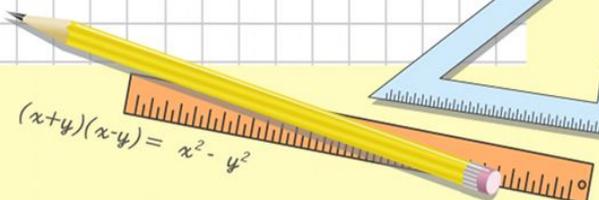
$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$



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

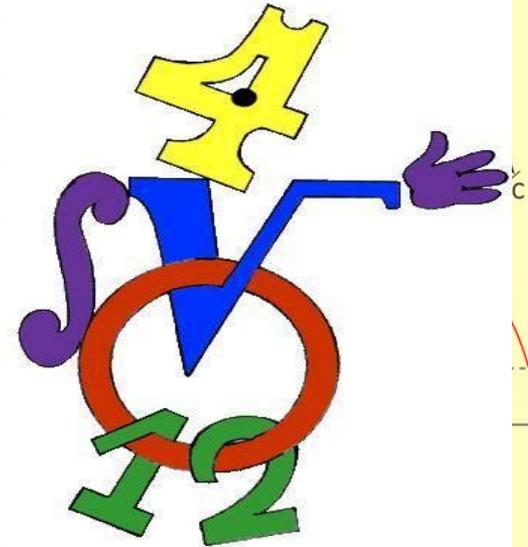


$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \\ y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$



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

*Царица - математика опять
 Вас собрала на праздник знаний
 И приглашает всех блистать
 Умом, смекалкой, юмором дерзаний.
 Нет скучных формул, теорем,
 Сегодня – не урок, а праздник!
 И пусть не все получится, как ты хотел,
 Тебе откроется дорога к знаниям.*



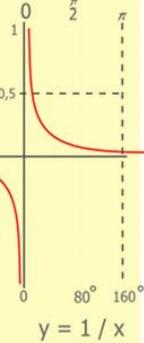
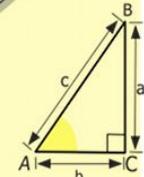
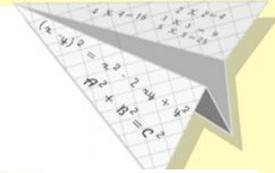
Что такое КВН?

- Это школа юмора

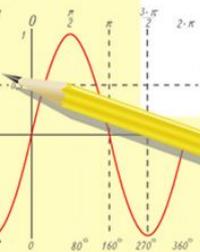
Что такое КВН?

Чтоб Вы больше думали

- Это юмор, это смех, это ловкость и успех



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



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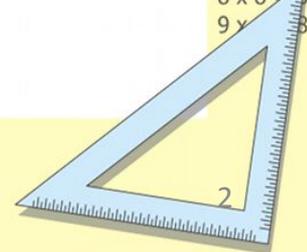
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$$\begin{cases} y = \sin(x) \\ x = 25y + 45 \\ y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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

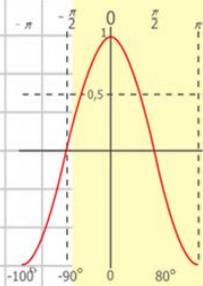
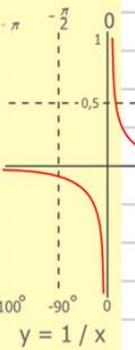
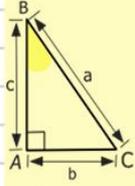
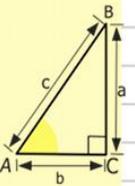
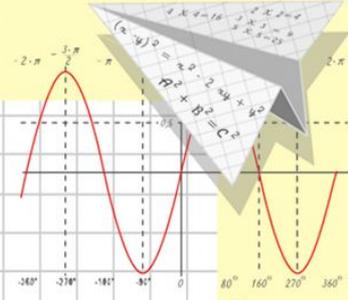
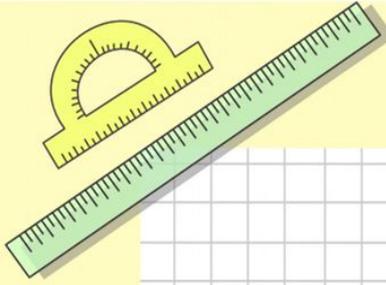


Математик

РАЗМИНКА

МЫ РАЗМИНКУ НАЧИНАЕМ
ПОБЕДИТЕЛЕЙ УЗНАЕМ.

ЗДЕСЬ ЗАГАДКИ И ШАРАДЫ.
ЗА РАЗГАДКУ ВСЕМ НАГРАДЫ.



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



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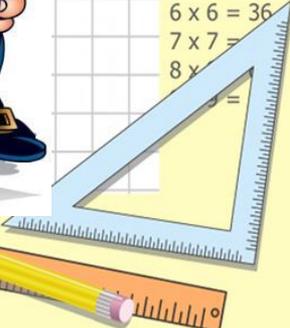
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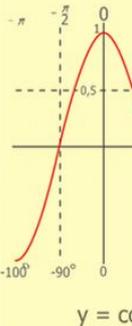
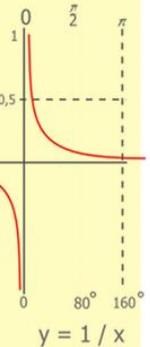
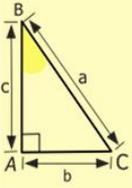
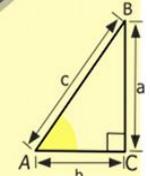
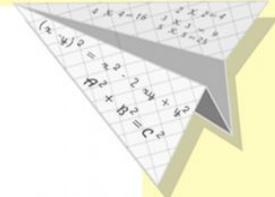
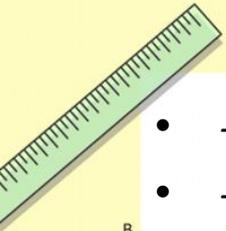
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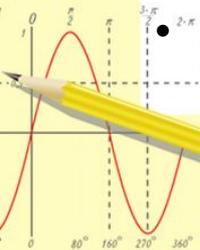
РАЗМИНКА

- - Сколько месяцев в году?
- - Назовите шестой месяц года.
- - Сколько всего времен года?
- - Сколько месяцев во времени года?
- - Какой по счету среди зимних месяцев январь?
- - Каков порядковый номер месяца года, заканчивающегося на «Й»?
- - Предпоследняя буква второго месяца зимы.
- - Название первого месяца осени .
- - Кого по осени считают?
- - Назовите четвертую с начала букву русского алфавита.
- - Какая по счету в алфавите буква «Ю»?
- - Сколько океанов на Земле?
- - Назовите первую букву названия столицы Франции.
- - Назовите первую букву названия страны, где столица Токио.
- - Сколько дней в високосном феврале?
- - Какая буква четвертая в слове ПОДЪЕЗД ?



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

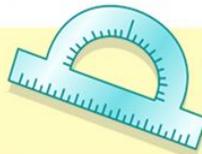
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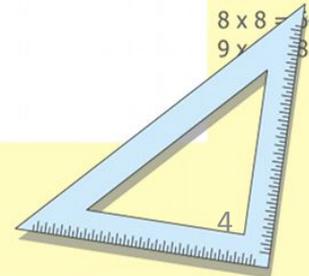


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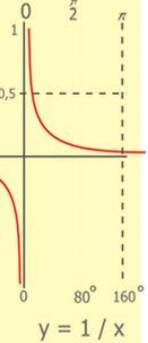
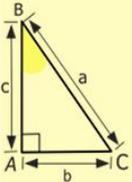
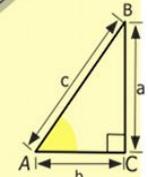
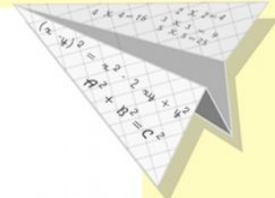
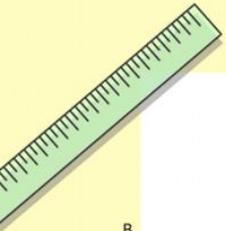


РАЗМИНКА

- Сколько ушей у трех мышей?
- Сколько лап у двух медвежат?
- Кто быстрее сосчитает суммы этих чисел

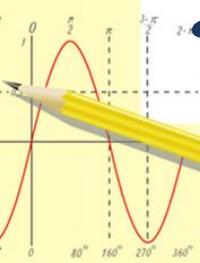
$$1+2+3+4+5+6+7+8+9?$$

- В зоопарке он стоял, обезьянок все считал. Две играли на песке, три уселись на доске, а двенадцать спинки грели. Сосчитать вы их успели?



$$\begin{array}{r} 1\ 5\ 00 \\ \times 42 \\ \hline 210 \\ + 840 \\ \hline 105000 \end{array}$$

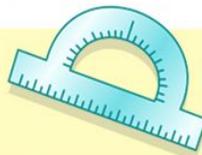
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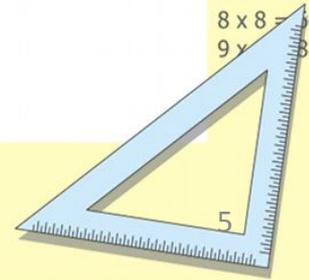
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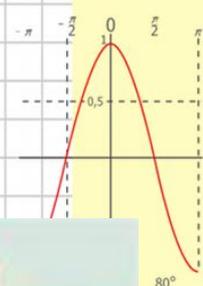
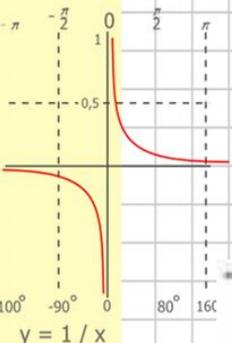
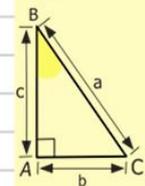
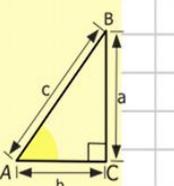
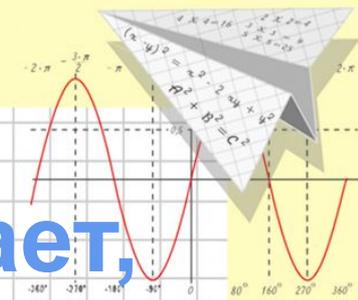
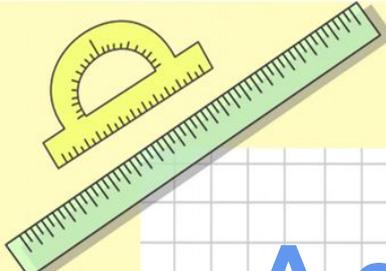
$$(x+y)(x-y) = x^2 - y^2$$



Математик

а

А сейчас - пусть всякий знает,
Кто же лучше вычисляет?
Мне задачи прочитает,
Вам же думать и считать.

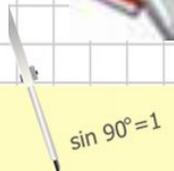


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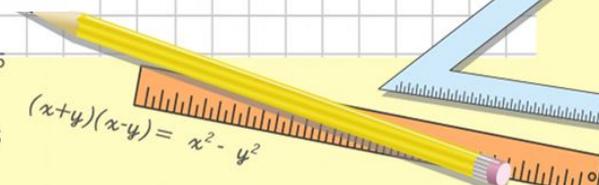
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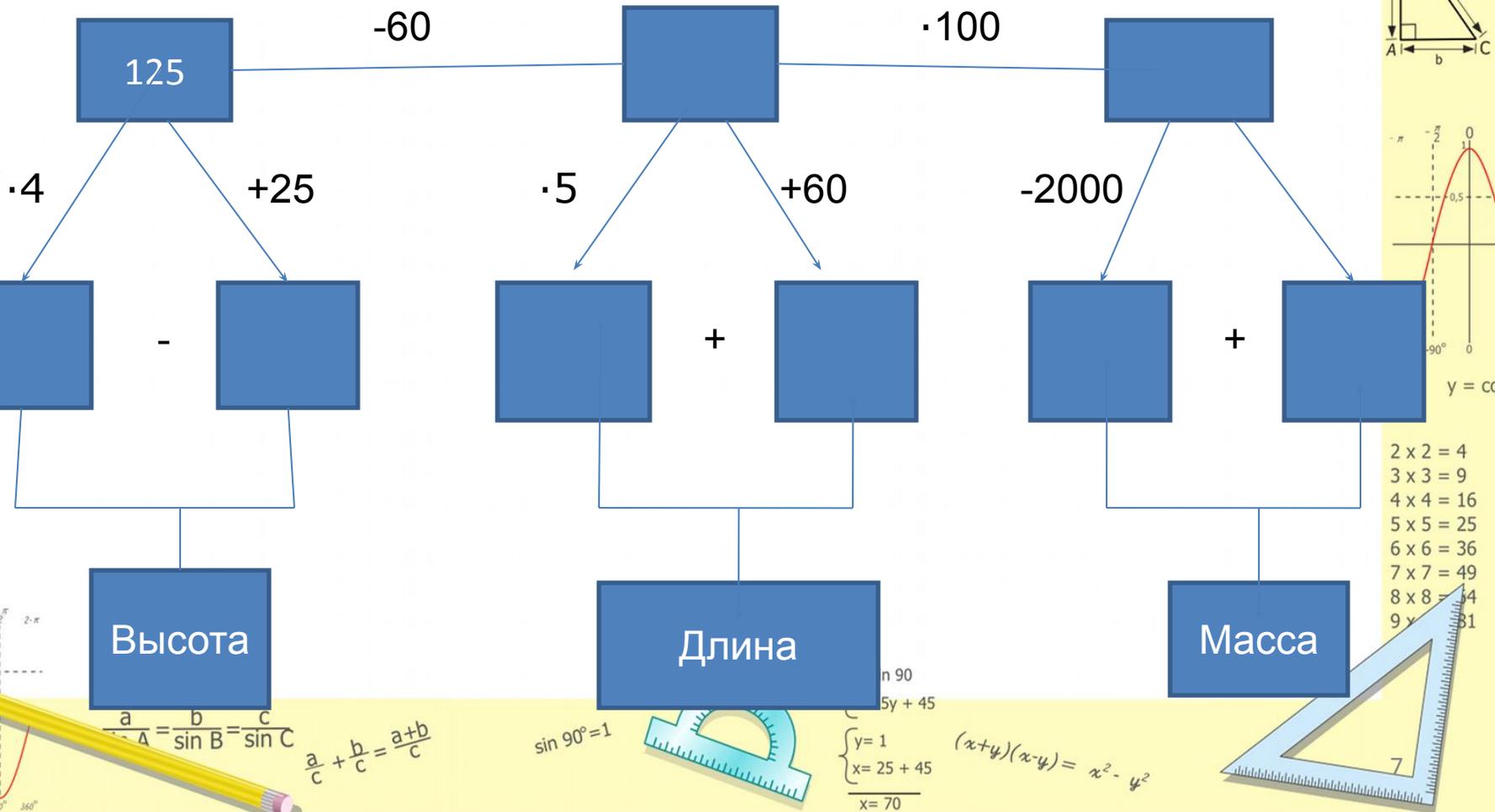


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- OS X
- = 4
- = 9
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- = 25
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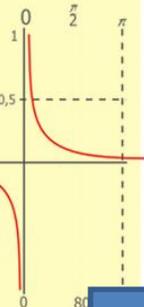
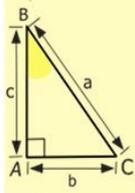
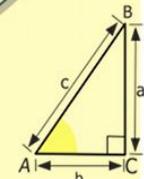
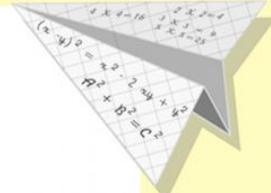
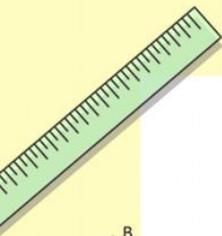
РАЗМИНКА

8. *Африканский слон* – самое крупное наземное животное. В предложенном конкурсе необходимо узнать его высоту (см), длину (см) и массу (кг)



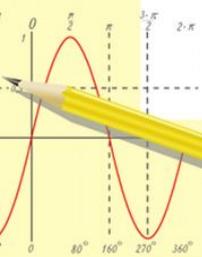
РАЗМИНКА

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- 9 x 9 = 81



125

65

6500

-60

·100

·4

+25

·5

+60

-2000

600

-

150

325

+

125

4500

+

6500

Высота
450

Длина
450

Масса
11000

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

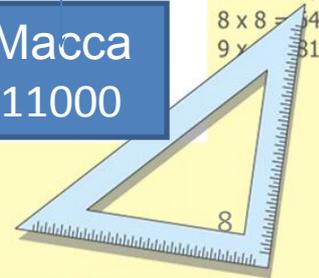
$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

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



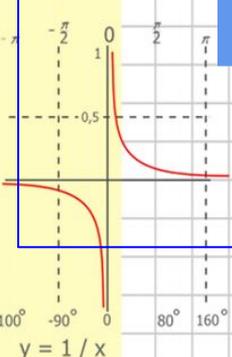
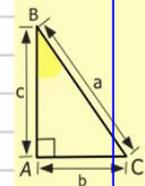
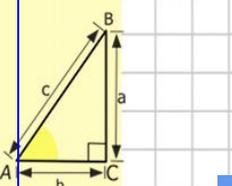
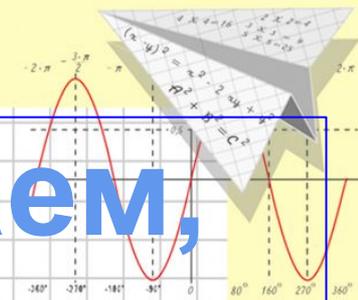
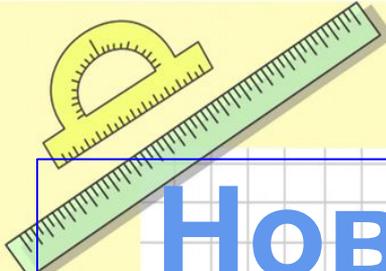
$$\begin{cases} y = 1 \\ x = 25 + 45 \end{cases} \quad \frac{x}{70}$$

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



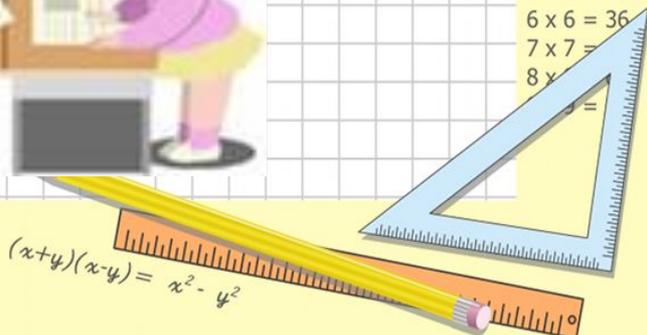
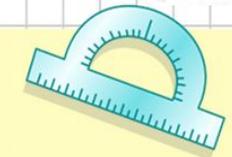
Математик

Новый тур мы начинаем,
Знатоков приглашаем.
Будут трудные задачи,
Пожелаем им удачи



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

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



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

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

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

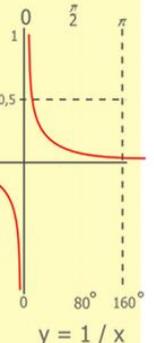
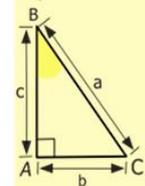
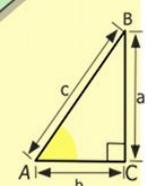
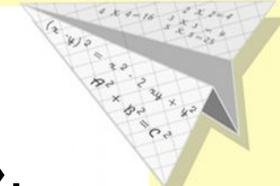
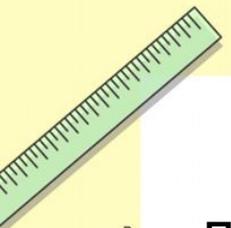
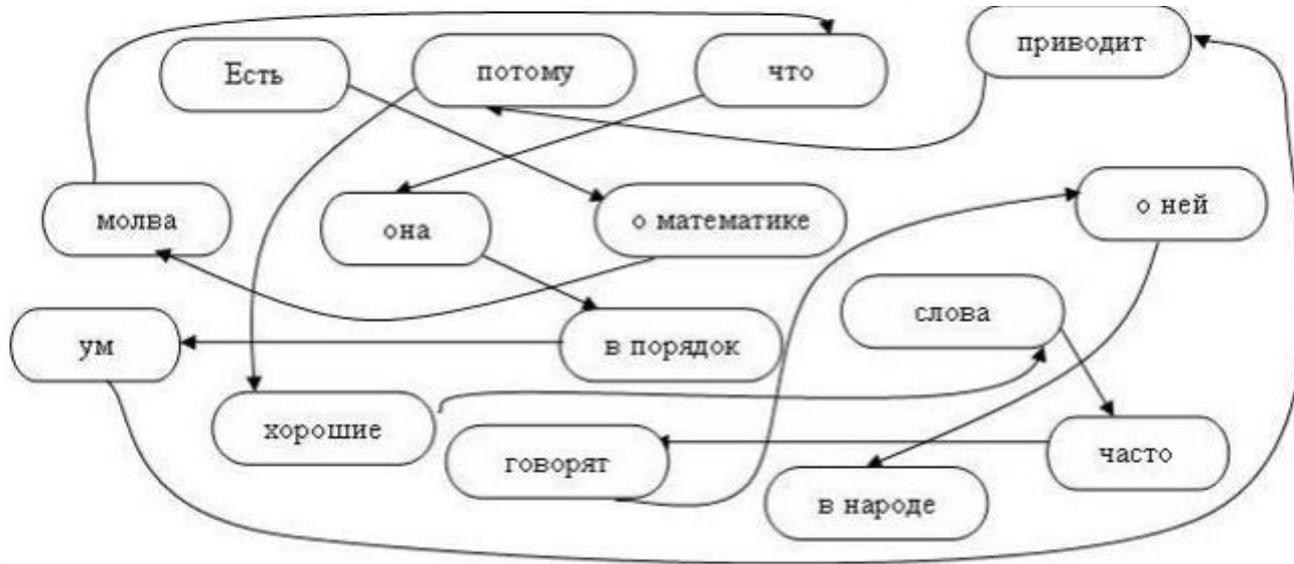
$$\begin{cases} x = 25y + 45 \\ y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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

Лабиринт!

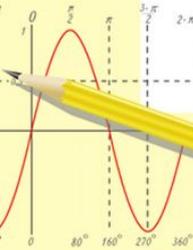
Лабиринт (греческое слово) означает «ход в подземелье». Лабиринт – запутанная сеть дорожек, ходов, сообщающихся друг с другом помещений.

Каждая команда получает стихотворение о математике, но оно «разбилось», остались подсказки в виде стрелок и номеров.



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

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



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

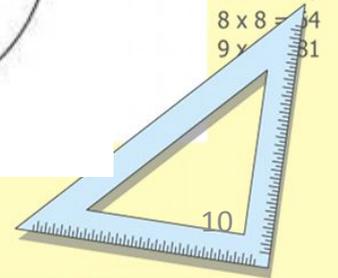
$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

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



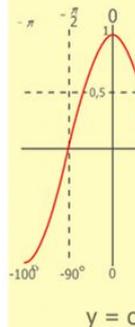
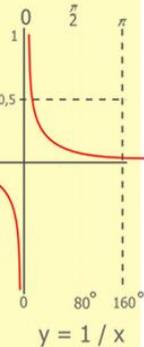
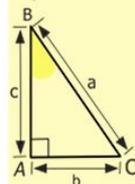
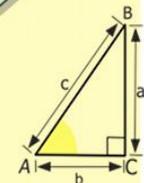
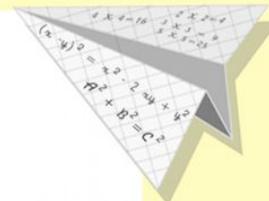
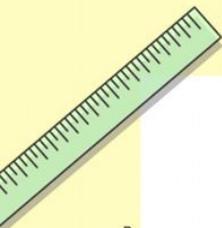
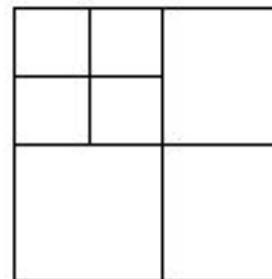
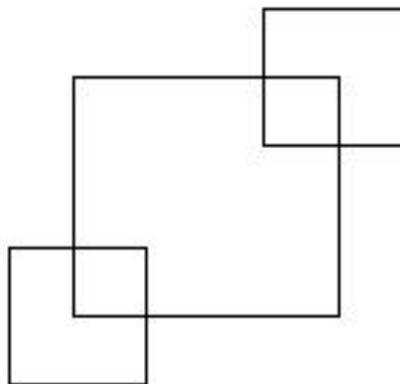
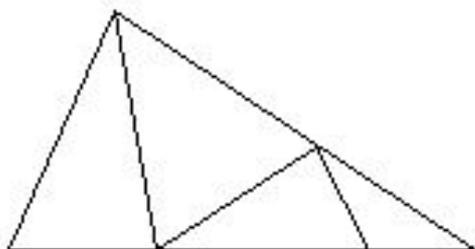
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



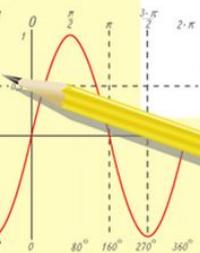
Конкурс на внимание.

Определите, сколько треугольников (квадратов) вы видите на рисунке:



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

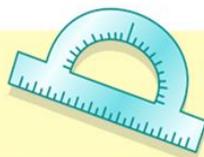
- $2 \times 2 = 4$
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- $4 \times 4 = 16$
- $5 \times 5 = 25$
- $6 \times 6 = 36$
- $7 \times 7 = 49$
- $8 \times 8 = 64$
- $9 \times 9 = 81$



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

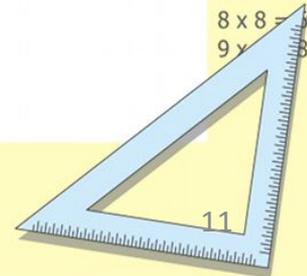
$$\sin 90^\circ = 1$$



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

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

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



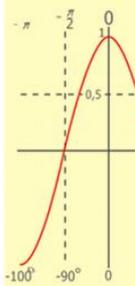
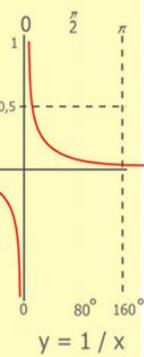
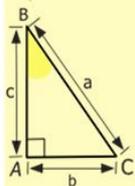
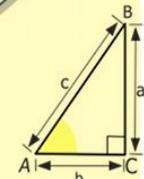
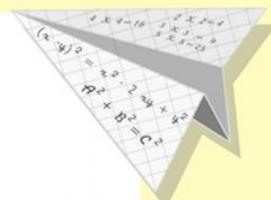
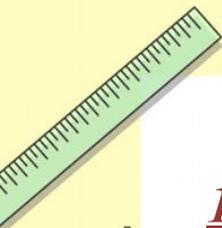
Математические понятия

1 команда

1. Единица, используемая при измерении углов – Г
2. Величина, которую записывают с помощью черты или запятой – Д
3. Фигура, имеющая начало, но не имеющая конца – Л
4. Знак сравнения – М
5. Числа, используемые для счета предметов – Н

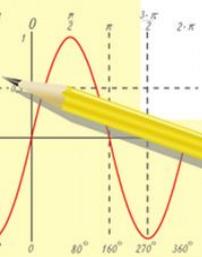
2 команда

1. Знак сравнения – Б
2. Прямоугольник, у которого все стороны равны – К
3. Суммы длин всех сторон – П
4. Фигура, состоящая из трех точек, трех отрезков, попарно их соединяющих минус – Т
5. Фигура, ограниченная двумя лучами, выходящими из одной точки – У



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

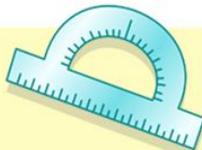
2 x 2 =	4
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$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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

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

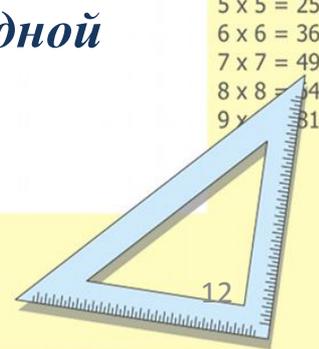


$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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

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

$$\frac{x}{70}$$



Конкурс капитанов

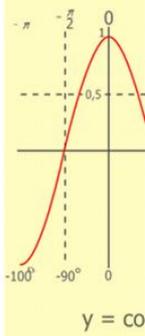
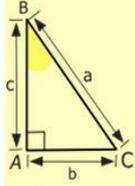
Кто внимательнее и быстрее перечислит все цифры по порядку от 1 до 25, показывая их?

1 капитану

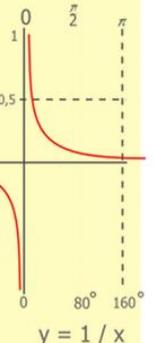
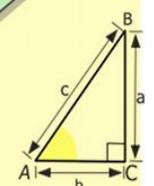
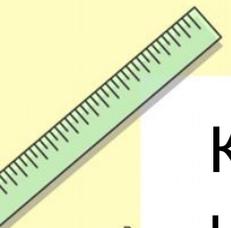
21 12 7 1 20
 6 15 17 3 18
 19 4 8 25 13
 24 2 22 10 5
 9 14 11 23 16

2 капитану

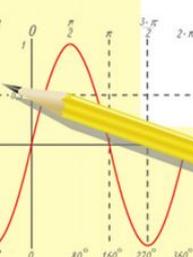
22 25 7 21 11
 6 2 10 3 23
 17 12 15 5 18
 1 16 20 9 24
 19 13 4 14 8



- 2 x 2 = 4
- 3 x 3 = 9
- 4 x 4 = 16
- 5 x 5 = 25
- 6 x 6 = 36
- 7 x 7 = 49
- 8 x 8 = 64
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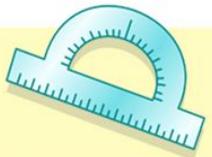
$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 2100 \\ + 8400 \\ \hline 105000 \end{array}$$



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

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

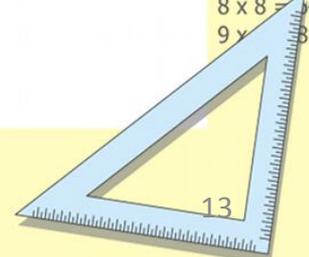
$$\sin 90^\circ = 1$$



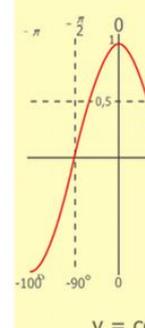
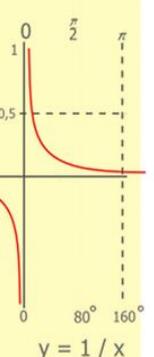
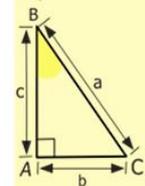
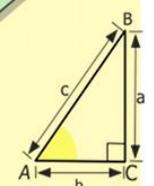
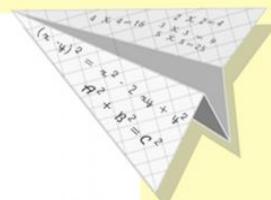
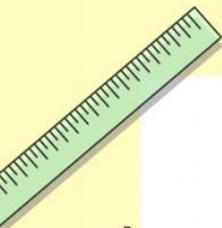
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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

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

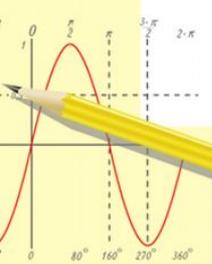


Самый быстрый



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

- $2 \times 2 = 4$
- $3 \times 3 = 9$
- $4 \times 4 = 16$
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- $8 \times 8 = 64$
- $9 \times 9 = 81$



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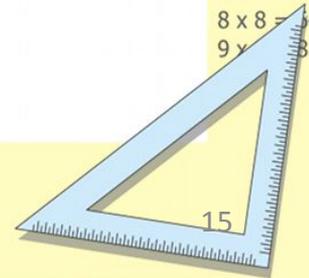
$\sin 90^\circ = 1$



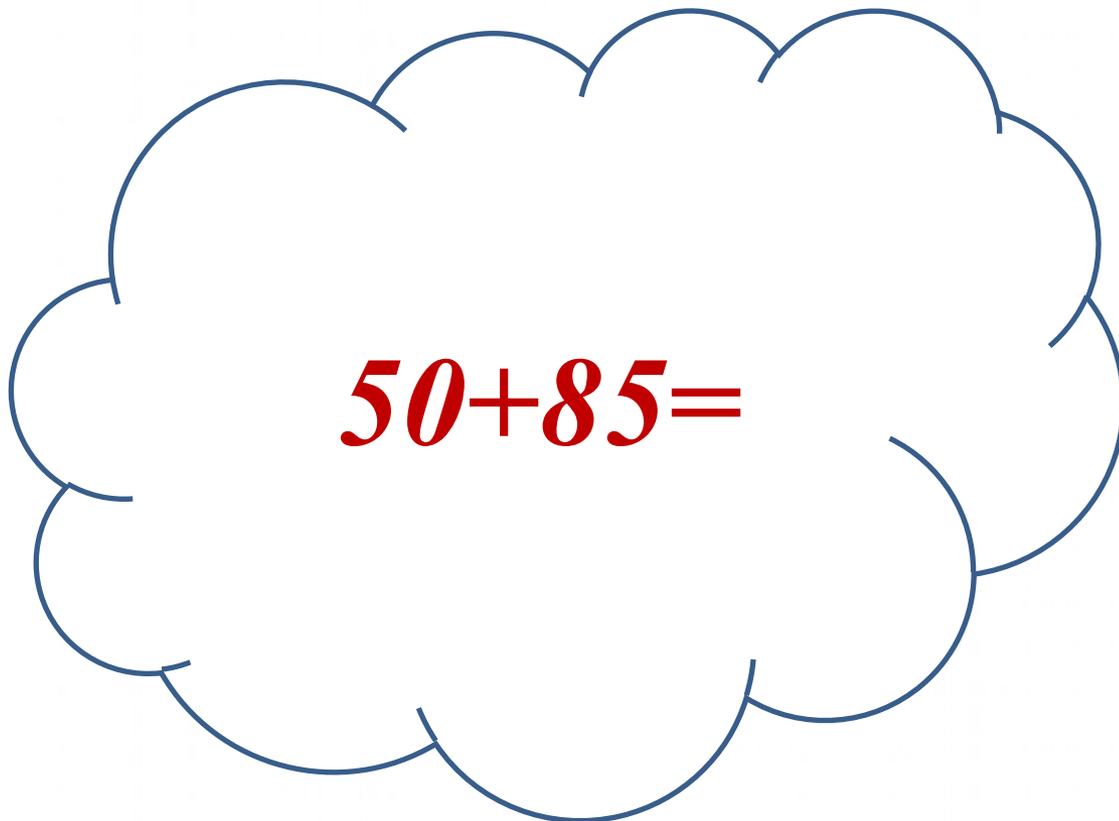
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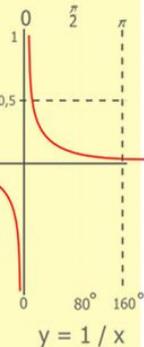
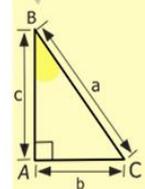
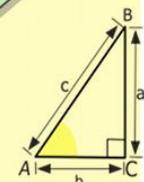
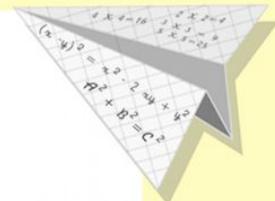
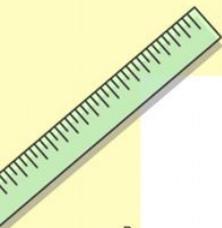
$$(x+y)(x-y) = x^2 - y^2$$



Самый быстрый

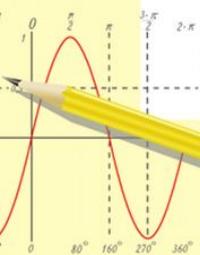


50+85=



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

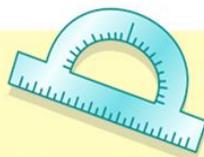
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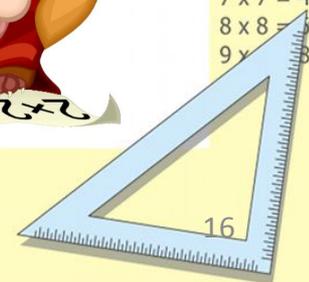
$\sin 90^\circ = 1$



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

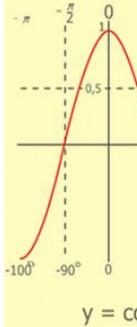
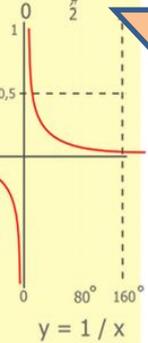
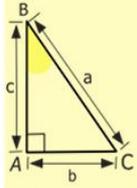
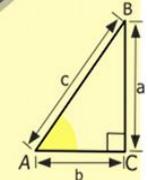
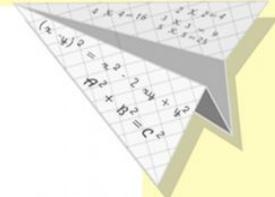
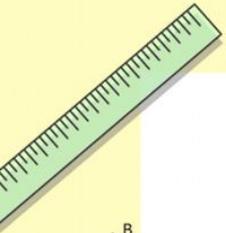
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



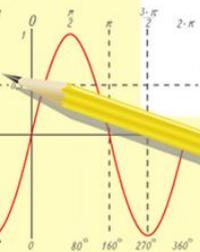
Самый быстрый

$$227 + 41 =$$



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

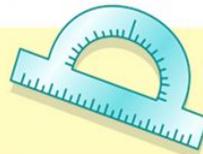
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$$\sin 90^\circ = 1$$



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

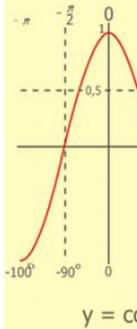
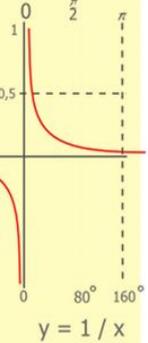
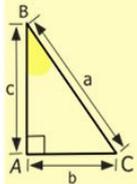
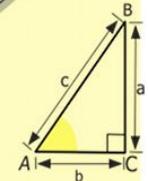
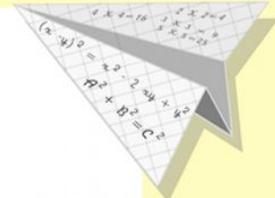
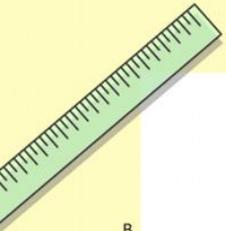
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



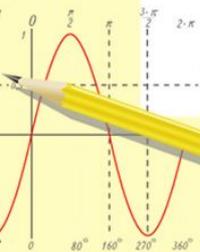
Самый быстрый

$$30+428=$$



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

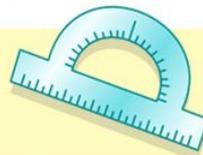
$$\begin{array}{l} 2 \times 2 = 4 \\ 3 \times 3 = 9 \end{array}$$



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

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

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



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

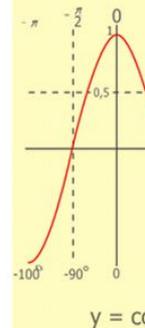
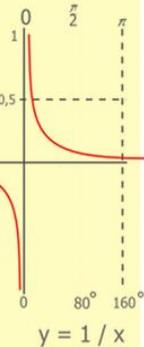
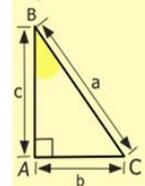
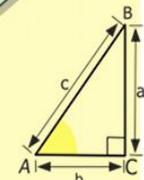
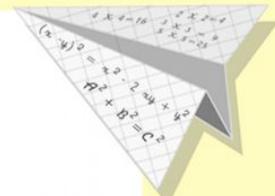
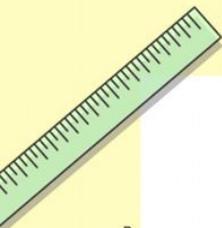
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



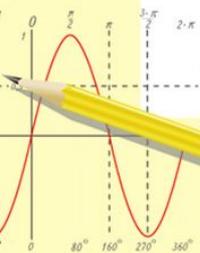
Самый быстрый

$$221 + 39 =$$



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

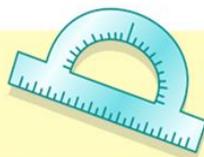
$$\begin{array}{l} 2 \times 2 = 4 \\ 3 \times 3 = 9 \end{array}$$



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

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

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



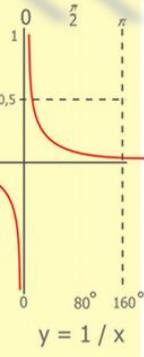
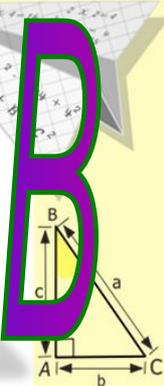
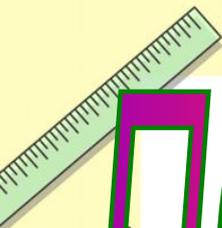
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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

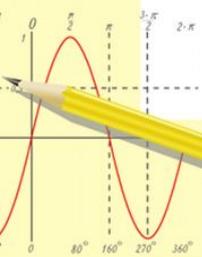
$$(x+y)(x-y) = x^2 - y^2$$



ПОДВЕДЕНИЕ ИТОГОВ



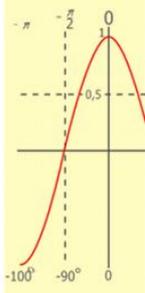
$$\begin{array}{r} 12500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 105000 \end{array}$$



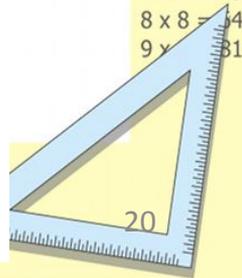
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.Za ..i,w;
.B@@@X 0; ;M M :;:;:XO.
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20;.:i77r@ i777;XMSZ M :;:;:i;aO
.X8. ;r7;;aS ;r;iaX M M :;:;:i7W
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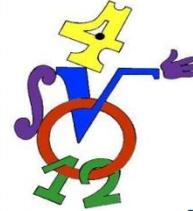
```



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



Награждение



ДИПЛОМ

Победителю игры
«Математический КВН»

вручается

___ класс

Директор школы: _____ /Монгуш А.С./



МОУ Кара-Хаакская СОШ

ноябрь 2014 года

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

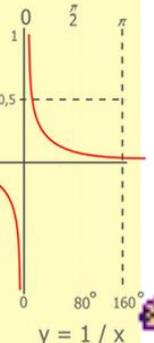
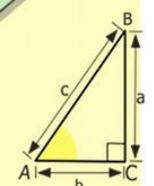
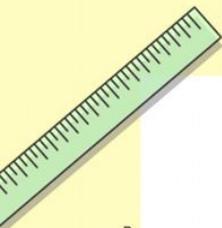
$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

\sin

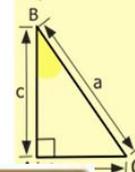
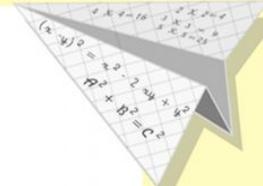
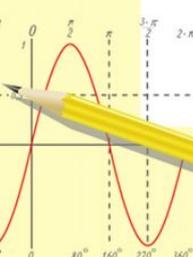
$$y = 1$$

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

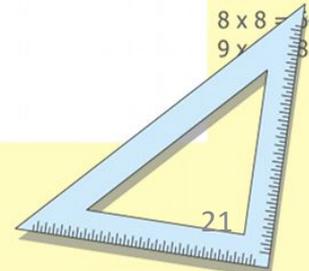
$$x = 70$$



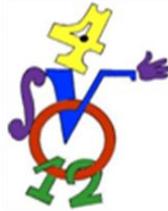
$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$$



- $2 \times 2 = 4$
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- $6 \times 6 = 36$
- $7 \times 7 = 49$
- $8 \times 8 = 64$
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Награждение



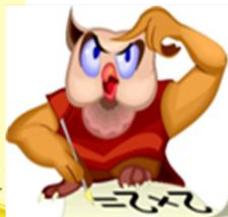
Диплом

НАГРАЖДАЕТСЯ
КОМАНДА

___ КЛАССА
ЗАНЯВШАЯ II МЕСТО
В ИГРЕ

«Математическ ий КВН»

Директор школы: Т.Е.Иванова



МОУ СОШ № 4
Февраль 2012 года



Диплом

НАГРАЖДАЕТСЯ
КОМАНДА 5 «___»

КЛАССА,
ЗАНЯВШАЯ ___ МЕСТО
В ИГРЕ

«Математическ ий КВН»

Директор школы: Т.Е.Иванова



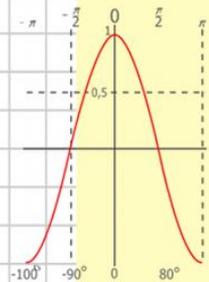
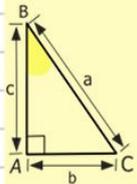
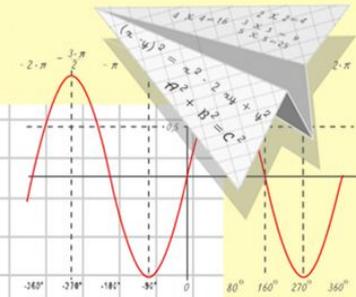
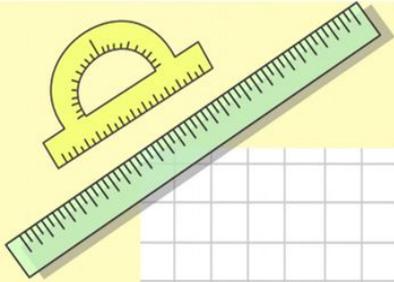
МОУ СОШ № 4
Февраль 2012 года



Математик

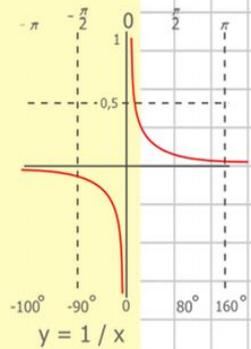
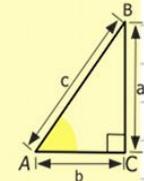
а

*Спасибо за игру.
Желаем всем всего
хорошего!*



$y = \cos x$

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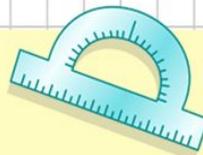


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