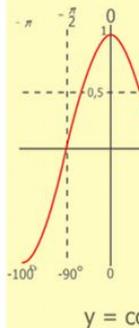
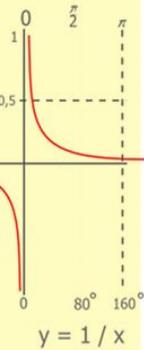
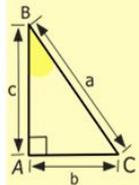
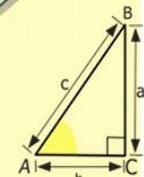
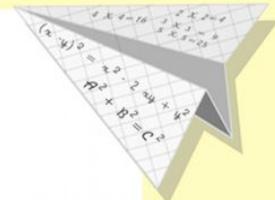
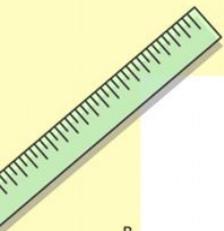


КОНКУРС ПРЕЗЕНТАЦИЙ «ИНТЕРАКТИВНАЯ МОЗАИКА»

REDSOVET.SU

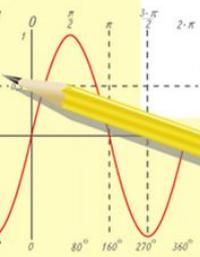
Авторы	Малышкина Вера Николаевна	Малышкин Михаил Михайлович
Должность	учитель информатики	учитель информатики
Квалификационная категория	высшая	высшая
Награды	Почетная грамота Министерства образования и науки Российской Федерации	

муниципальное общеобразовательное учреждение гимназия №10 г. Мурманска



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

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



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

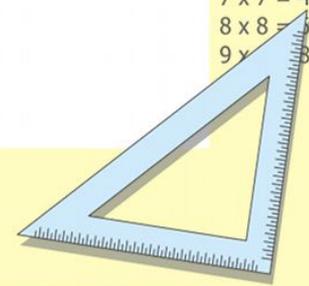
$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

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



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

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

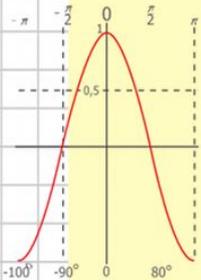
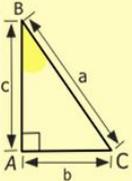
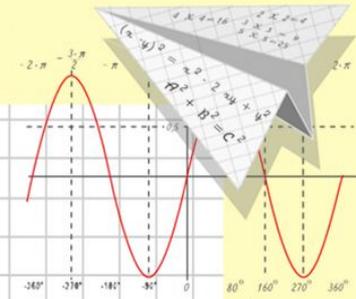
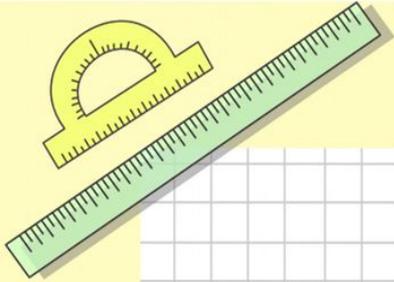


Математик

а

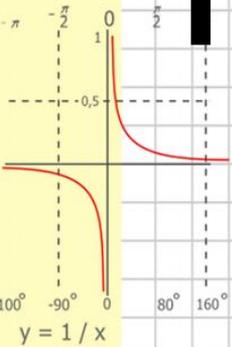
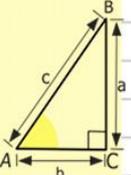
Математически й КВН

Игра для учащихся 6 класса



y = cos x

- 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



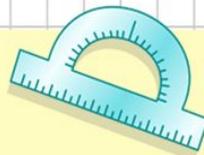
$$\begin{array}{r} 1 \\ 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$$

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

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



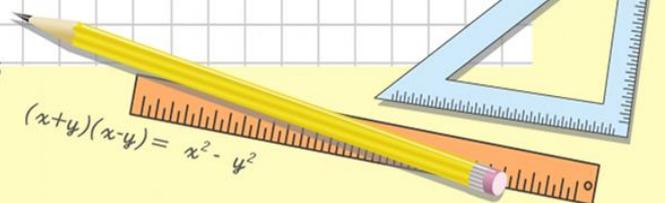
$$\sin 90^\circ = 1$$



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

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

$$x = 70$$



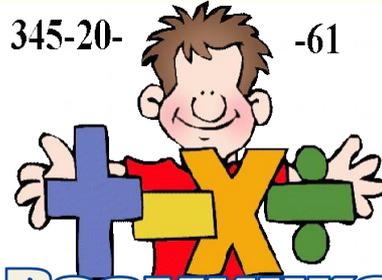
$$(x+y)(x-y) = x^2 - y^2$$

Ход игры



Приветствие

1



Разминка

2



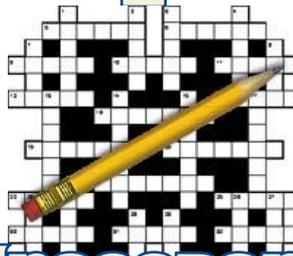
Загадки

3



Эстафета

4



Кроссворд

5



Капитанский

6



Головоломка

7



Викторина

8



Подведение итогов

ИТОГОВ

$$345 - 20 - 61$$

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

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

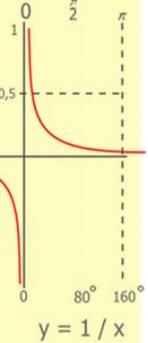
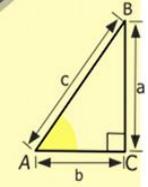
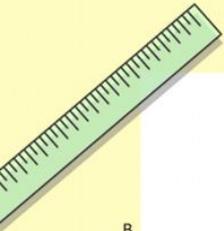
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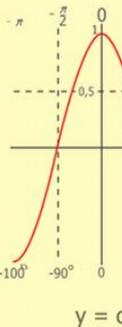
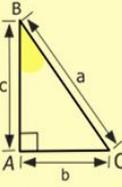
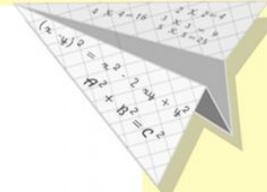
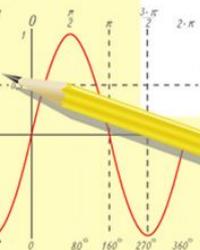
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$$(x+y)(x-y) = x^2 - y^2$$

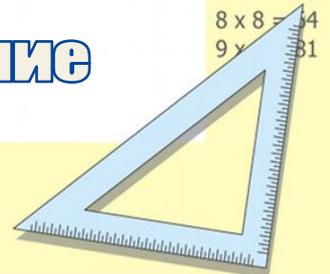


$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 105000 \end{array}$$



$$y = \cos$$

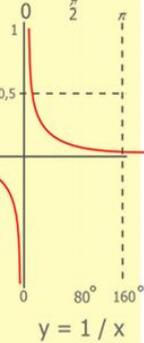
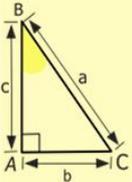
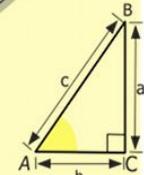
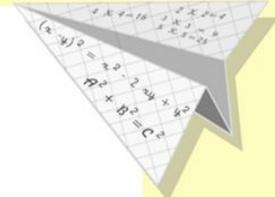
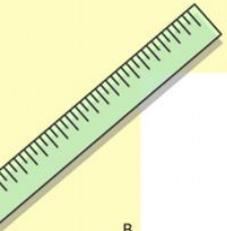
$$\begin{array}{l} 2 \times 2 = 4 \\ 3 \times 3 = 9 \\ 4 \times 4 = 16 \\ 5 \times 5 = 25 \\ 6 \times 6 = 36 \\ 7 \times 7 = 49 \\ 8 \times 8 = 64 \\ 9 \times 9 = 81 \end{array}$$



Приветствие (максимум – 5 баллов)

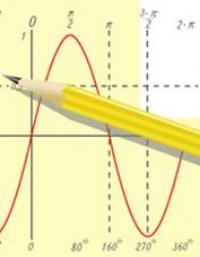
Каждая команда предлагает минипредставление, в котором обыгрывает:

- название
- девиз
- эмблему



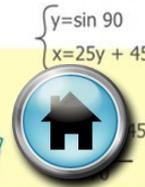
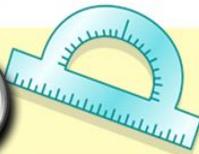
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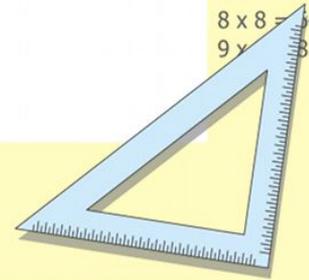


$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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



$$x^2 - 4^2$$



Разминка

Каждый правильный ответ – 3 балла

1. Какой город состоит из 101 имени?

Севастополь (Сева-100-Поль)

2. Сколько граней у неочиненного карандаша?

$6 + 2 = 8$

3. В двух карманах имеется поровну денег. Из левого кармана переложили в правый 7р50к. На сколько в правом кармане денег стало больше, чем в левом?

На 15 рублей

4. Какой цифрой оканчивается произведение всех четных двузначных чисел?

0

5. Какой цифрой оканчивается произведение всех нечетных двузначных чисел?

0

6. На какое число надо разделить 4, чтобы получилось 12?

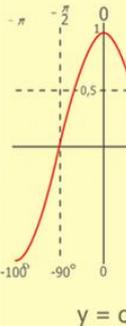
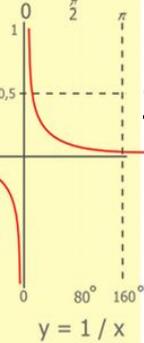
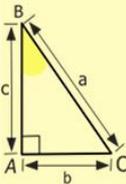
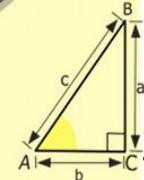
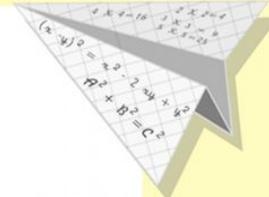
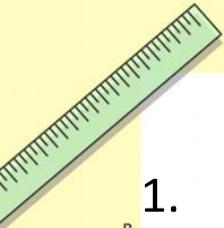
$1/3$

7. За книгу заплатили 60 р. и еще $1/3$ стоимости ее. Сколько стоила книга?

90 рублей

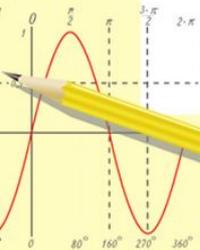
8. Может ли дробь, в которой числитель меньше знаменателя, быть равной дроби, в которой числитель больше знаменателя?

Может, например, $-1/2$ и $5/-10$



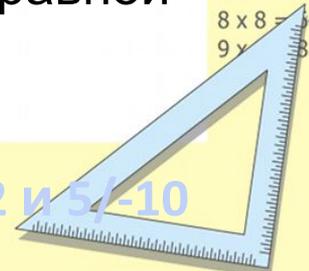
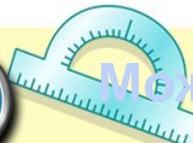
$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$$

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



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

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



Загадки

Каждый правильный ответ – 5 баллов

Метаграммы

В метаграмме зашифровано определенное слово. Его нужно отгадать. Затем в расшифрованном слове следует одну из указанных букв заменить другой буквой, и получится новое слово.

-3-1--2-

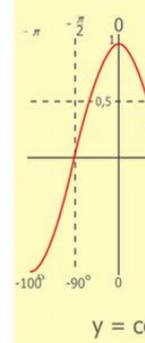
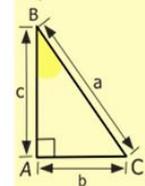
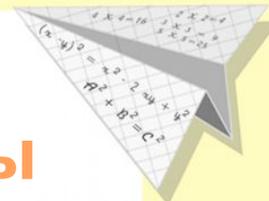
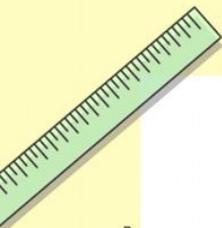
Куприян шестягобого боко, дыща,
Он – грызун не очень мелкий,
Ты какой формы скажешь, словно таешь.
Ибо чуть побольше белки.
Как в месте «П» заменить «Ш»,
А заменишь «У» на «О» -
То повсюду ты сразу сможешь являть.
Будет круглое число.

марТ

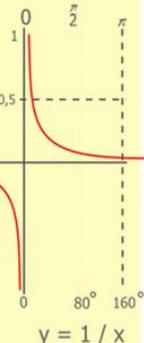
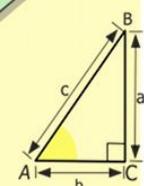


40

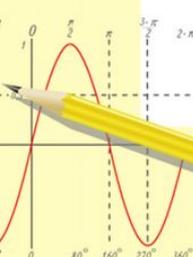
марШ



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

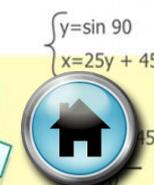
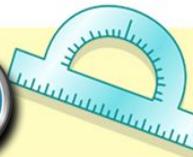


1 2 5 0 0
x 4 2
2 1 0
+ 8 4
1 0 5 0 0



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

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



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

Загадки

Каждый правильный ответ – 5 баллов

Шарады

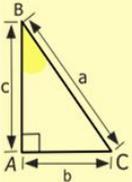
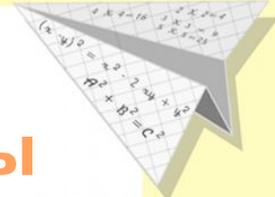
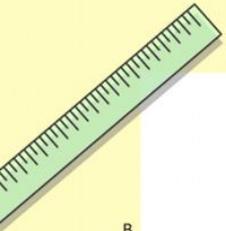
В шараде требуется отгадать определенное слово. Каждое слово отгадывается не сразу, а по частям.

-3-
-12-

Сначала мера,
Первое можно засеять вторым,
Затем юта и местоимение,
А в целом мы часто на дане дежим.
А в целом – воинское соединение.
А в целом – мастер

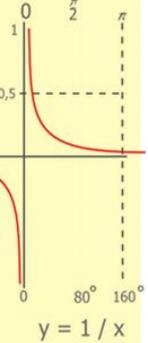
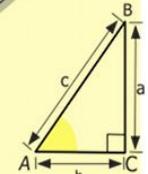
Он мебель делает п
ГА-МАК
АР-МИ-Я

СТО



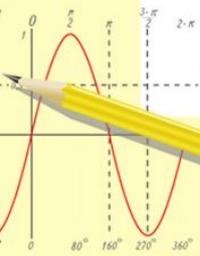
y = cos

- 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



y = 1 / x

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

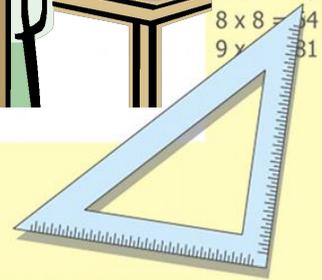


$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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



$$x^2 - 4^2$$



Загадки

Каждый правильный ответ – 5 баллов

Логогрифы

В логогрифах надо догадаться, о каком слове идет речь вначале. Затем в расшифрованное слово надо вставить добавочно одну или две буквы, и получится новое слово.

-4-

Я – цифра меньше десяти,
Арифметический я знак,
Чтобы порядок был скверный,
В задачке меня найдешь.
Иногда буквы в слове спрякажешь,
Во многих строках,
С мягким знаком я стою неустойчиво,
Лишь «О» ты вставишь, зная как,
С твердым же стану как следующая,
И я – географическая точка.

мать.

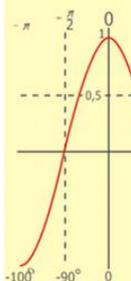
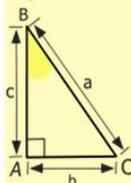
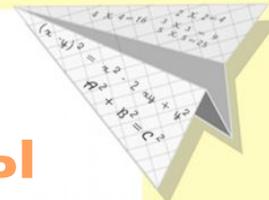
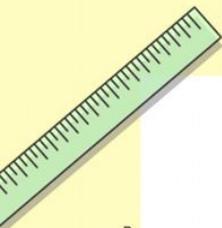
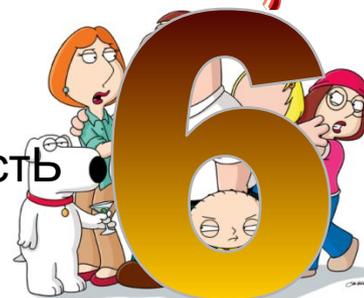
шест

семьос

семьол

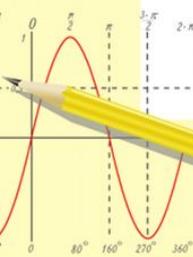
с

шесть



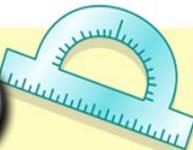
y = cos

- 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

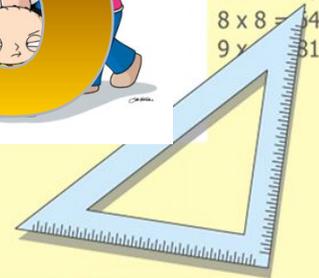


$\frac{a}{A} = \frac{b}{\sin B} = \frac{c}{\sin C}$

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

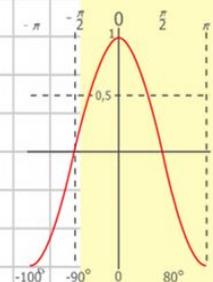
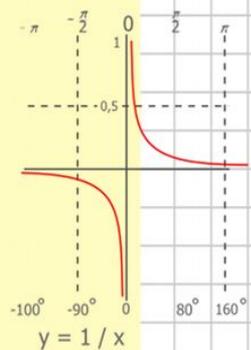
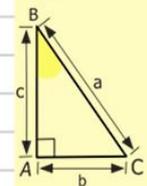
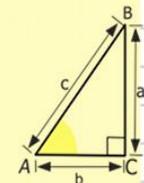
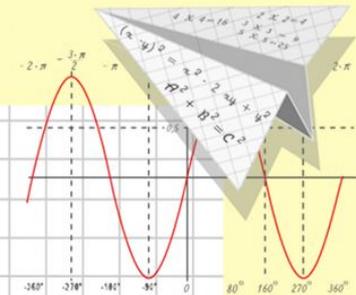
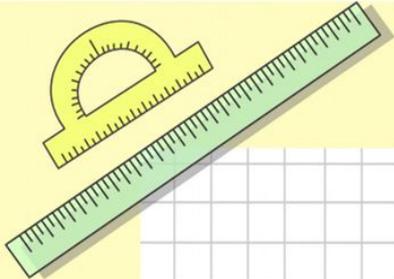


$x^2 - y^2$



Математик

а



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

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

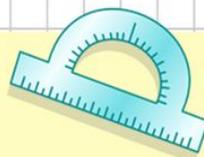


$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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

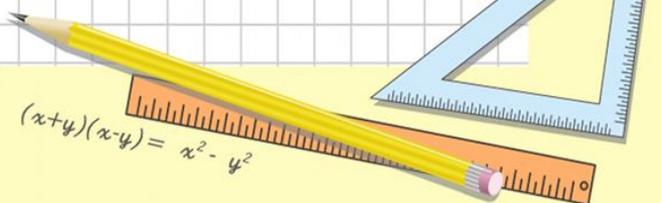


$$\sin 90^\circ = 1$$



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

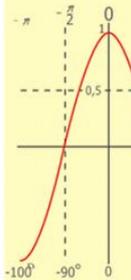
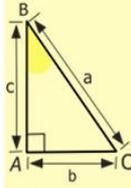
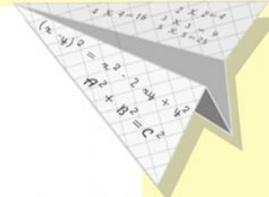
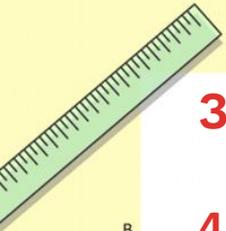
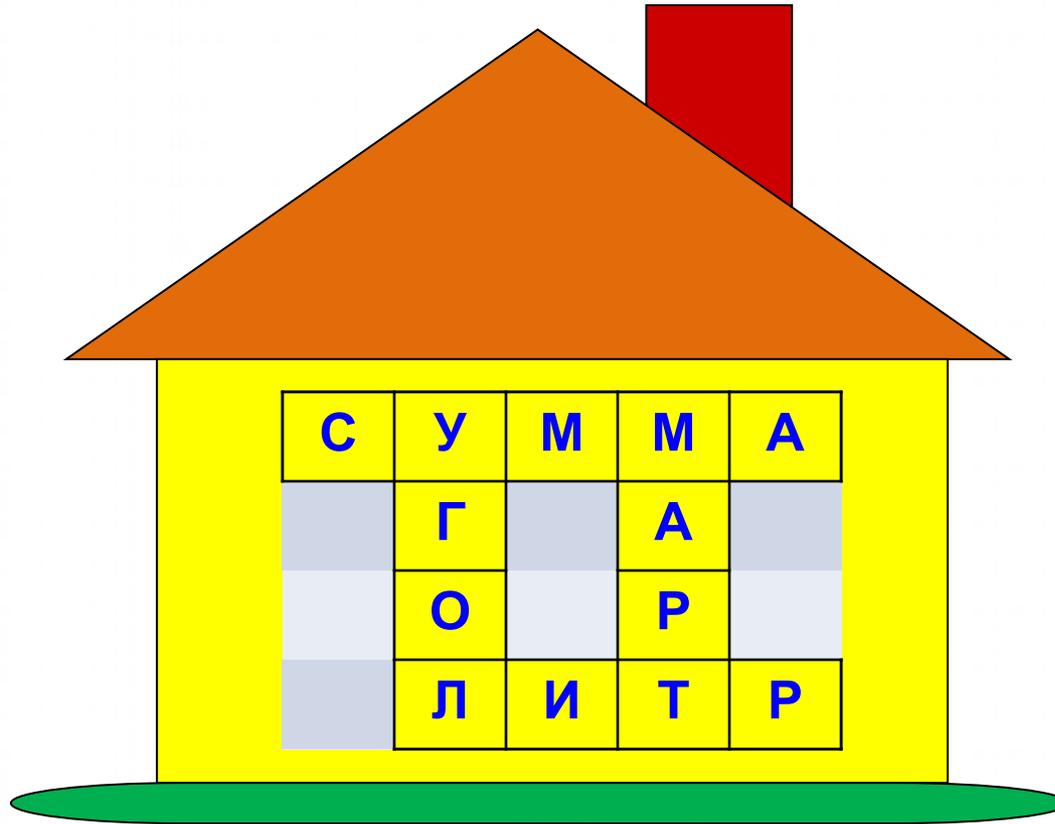
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$



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

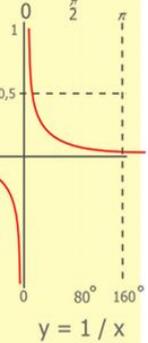
Кроссворд

За правильно разгаданный кроссворд – 4 балла
 + за скорость
 4 балла – первой команде
 3 балла – второй команде

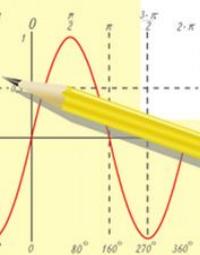


$$y = \cos$$

- 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

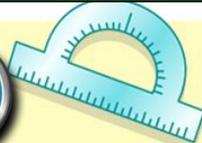


$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$$

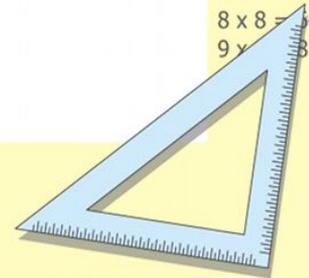


$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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

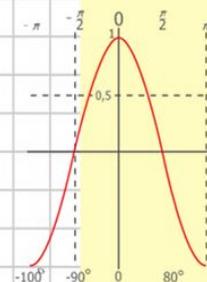
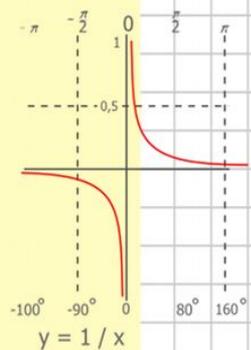
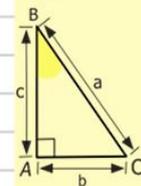
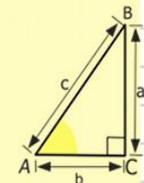
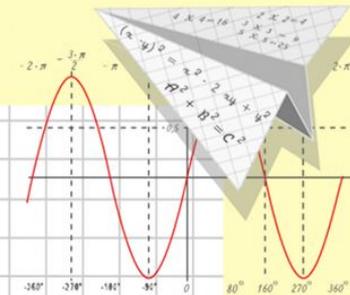
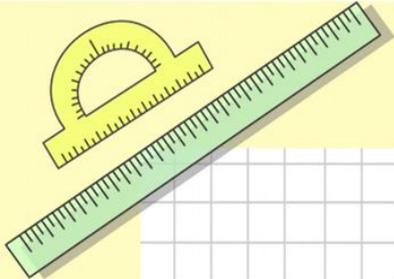


$$= x^2 - 4^2$$



Математик

а



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

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

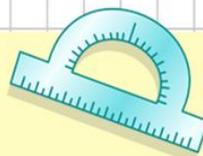


$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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

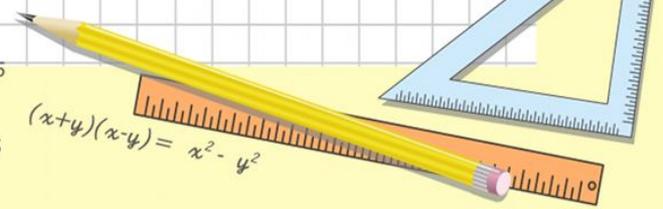


$$\sin 90^\circ = 1$$



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

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



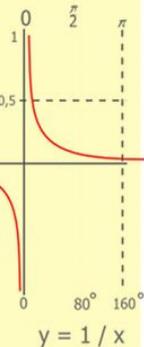
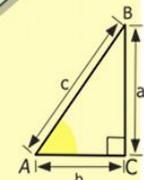
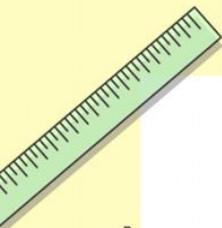
$$(x+y)(x-y) = x^2 - y^2$$

Головоломка «Восстанови пропущенные цифры»

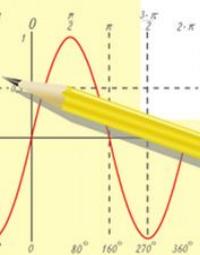
Максимум – 6 баллов первой команде,
остальным справившимся – по 3 балла

$$\begin{array}{r}
 6** \\
 \times 57 \\
 \hline
 *3*9 \\
 + **** \\
 \hline
 ***39
 \end{array}$$

$$\begin{array}{r}
 627 \\
 \times 57 \\
 \hline
 4389 \\
 + 3135 \\
 \hline
 35739
 \end{array}$$

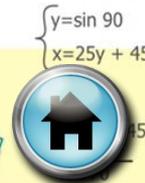
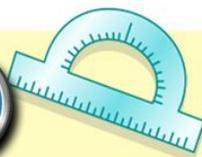


$$\begin{array}{r}
 1 \ 5 \ 00 \\
 \times 42 \\
 \hline
 210 \\
 + 84 \\
 \hline
 105000
 \end{array}$$

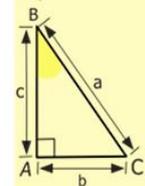
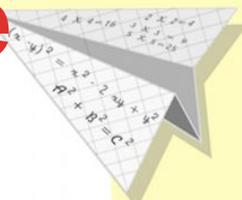
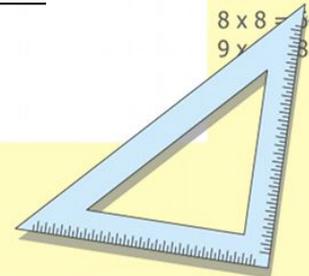


$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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



$$x^2 - 4^2$$



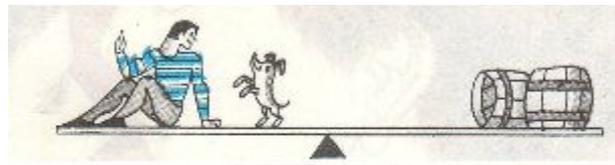
- 2 x 2 = 4
- 3 x 3 = 9
- 4 x 4 = 16
- 5 x 5 = 25
- 6 x 6 = 36
- 7 x 7 = 49
- 8 x 8 = 64
- 9 x 9 = 81

Викторина

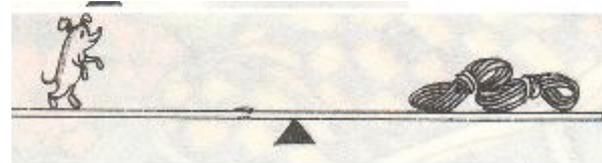
За каждый правильный ответ – 4
балла

СКОЛЬКО ВЕСИТ АКРОБАТ?

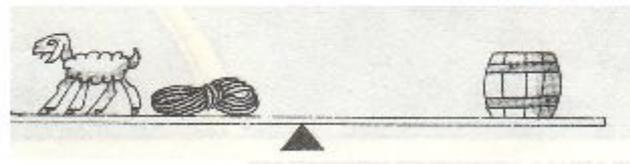
Акробат и собачонка
Весят два пустых бочонка.



Шустрый пес без акробата
Весит два мотка шпагата.



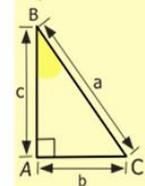
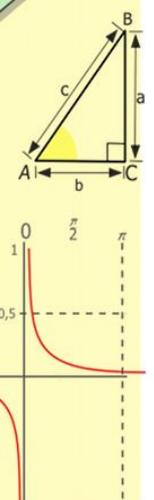
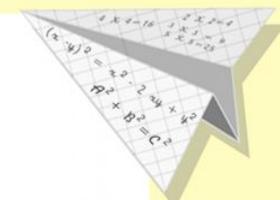
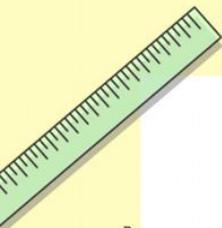
А с одним мотком ягненок
Весит, видите, бочонок.



Сколько весит акробат
В пересчете на ягнят?

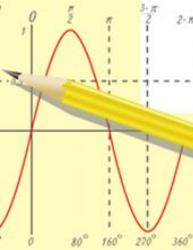


Ответ: 2 ягненка



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

- 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

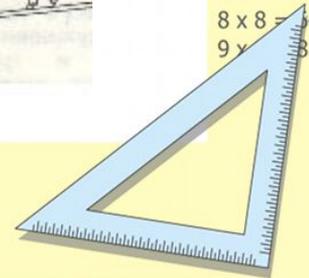


$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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



$$x^2 - 4^2$$



Викторина

За каждый правильный ответ – 4 балла

ПЛЮСЫ И ПЛЮШКИ

Медведь с базара плюшки нёс,
Но на лесной опушке
Он половину плюшек съел
И плюс ещё полплюшки.

Шел, шел, уселся отдохнуть
И под «ку-ку» кукушки
Вновь половину плюшек съел
И плюс ещё полплюшки.

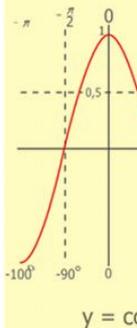
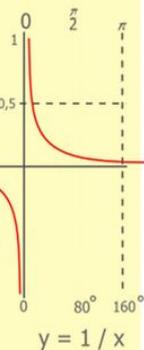
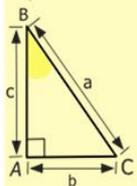
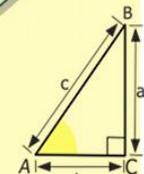
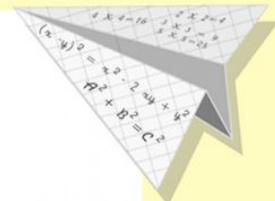
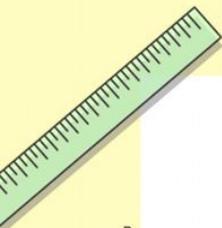
Стемнело, он ускорил шаг,
Но на крыльце избышки
Он снова пол-остатка съел
И плюс еще полплюшки.

С пустой кошелкою –
увы!–
Он в дом вошел уныло...
Хочу, чтоб мне сказали

Вы, сколько плюшек осталось?

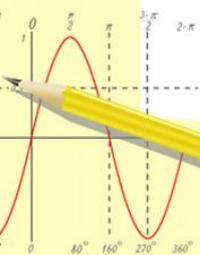


Ответ: 7



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

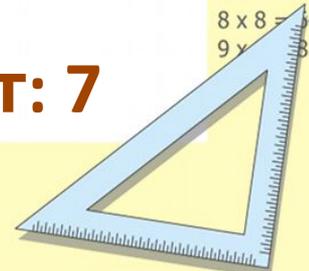
- 2 x 2 = 4
- 3 x 3 = 9
- 4 x 4 = 16
- 5 x 5 = 25
- 6 x 6 = 36
- 7 x 7 = 49
- 8 x 8 = 64
- 9 x 9 = 81



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

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

$$x^2 - 4^2$$



Викторина

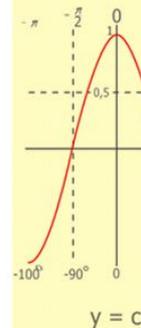
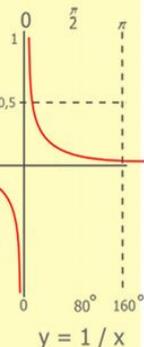
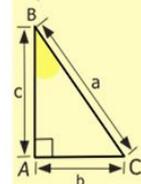
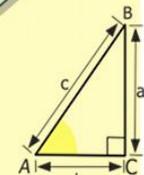
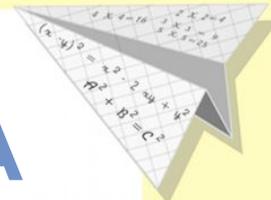
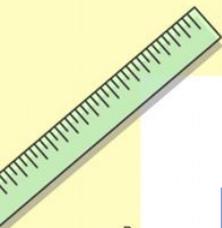
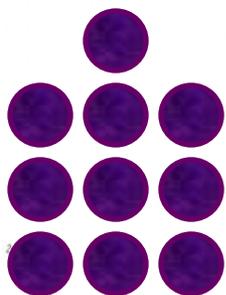
3

За каждый правильный ответ – 4
балла

ПОМОГИ РАСПОРЯДИТЕЛЮ БАЛА

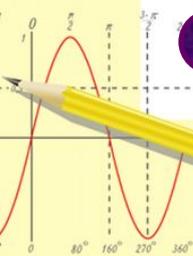
Жили когда-то на свете принцессы.
Были прекрасными их интересы.
Не знали принцессы ни скуки, ни
злости...

Они наряжались и ездили в гости!
*На бал собираются приехать 10 принцесс.
Как распорядителю бала расставить в зале для
танцев 10 кресел так, чтобы вдоль каждой
стены оказалось по три кресла? Нарисуй.*



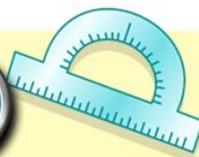
$$\begin{array}{r} \frac{1}{2} 500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$$

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

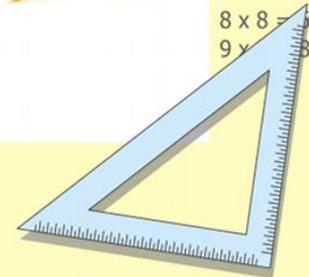


$$\frac{a}{A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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

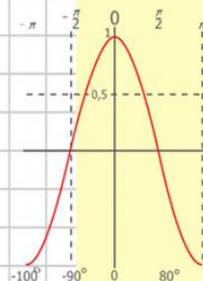
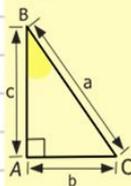
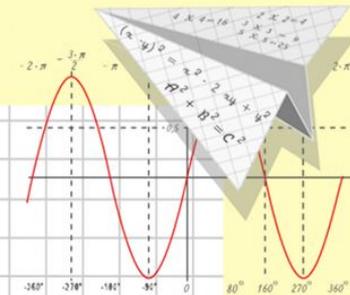
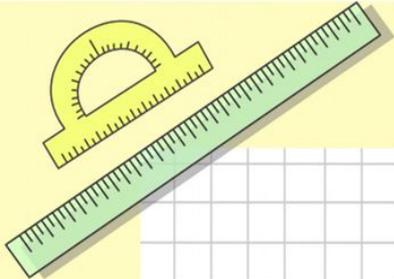


$$x^2 - 4^2$$



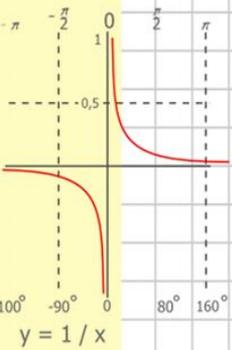
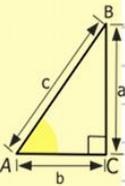
Математик

а



$y = \cos x$

- $2 \times 2 = 4$
- $3 \times 3 = 9$
- $4 \times 4 = 16$
- $5 \times 5 = 25$
- $6 \times 6 = 36$
- $7 \times 7 = 49$
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$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 105000 \end{array}$$

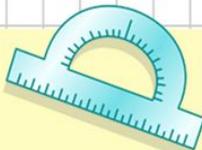


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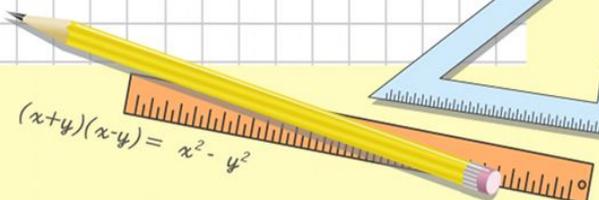


$$\sin 90^\circ = 1$$



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

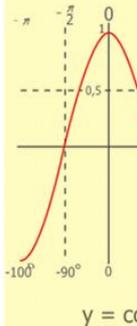
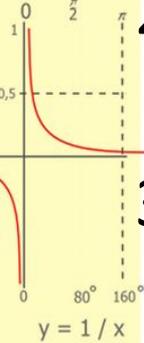
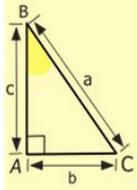
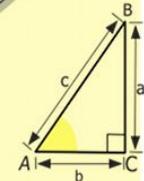
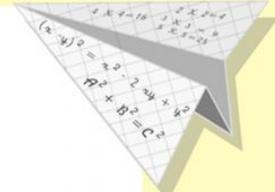
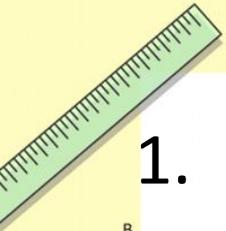
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$



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

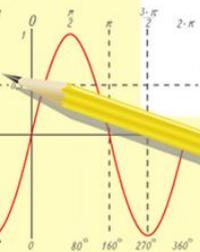
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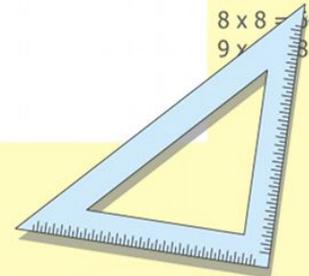
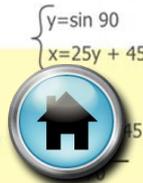
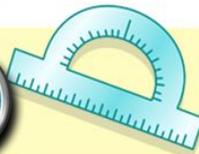
$$\begin{array}{r} 1 \\ 2500 \\ \times 42 \\ \hline 210 \\ 10500 \\ \hline \end{array}$$

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



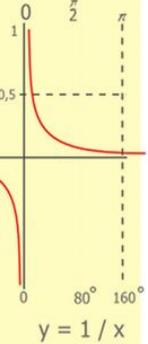
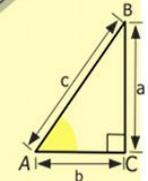
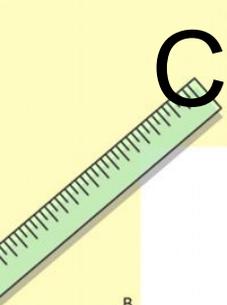
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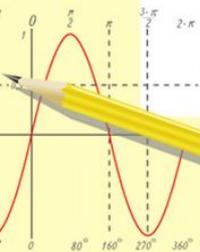


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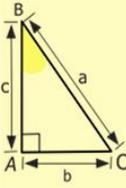
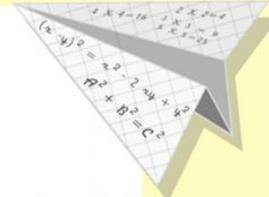
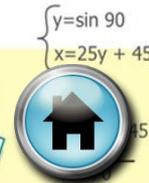
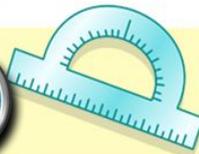


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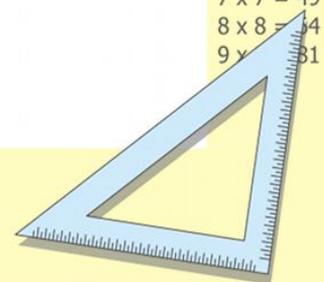
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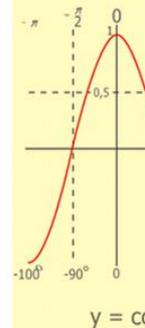
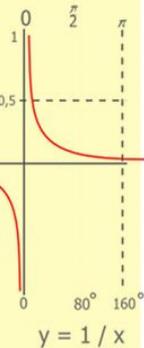
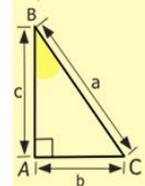
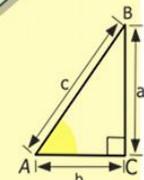
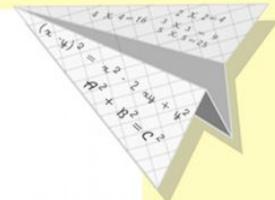
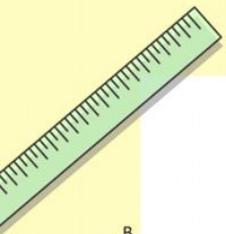


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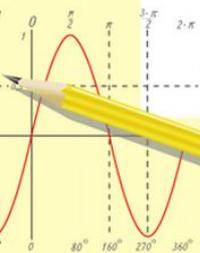


Благодарим за просмотр нашей презентации



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