

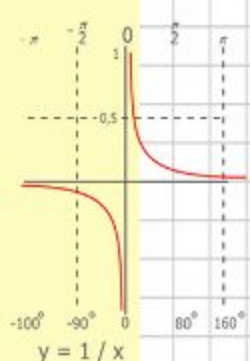
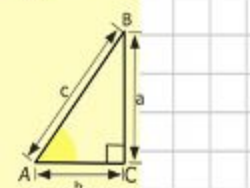
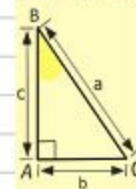
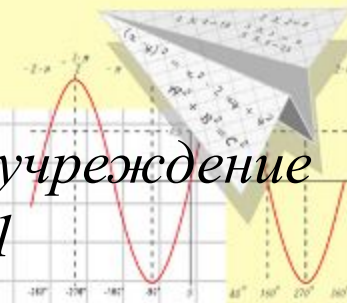
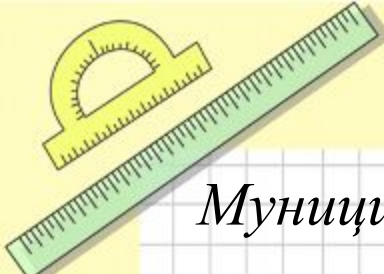
Математика

Муниципальное бюджетное общеобразовательное учреждение
средняя общеобразовательная школа №1

Клуб веселых математиков «ПИФАГОРИКИ»

Учителя начальных классов
Воробьева Татьяна Алексеевна

г.Мичуринск 2013 год.



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

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



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

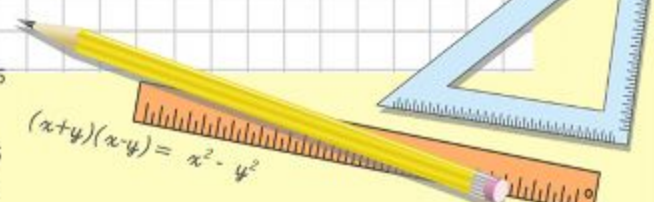
$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$



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



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

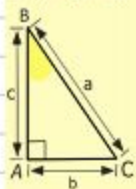
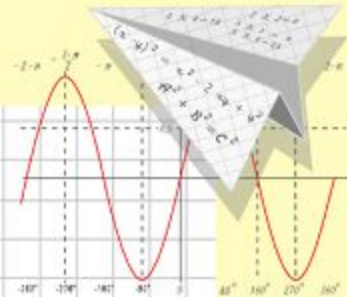


$$(x+y)(x-y) = x^2 - y^2$$

Математика

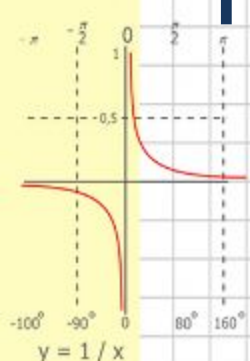
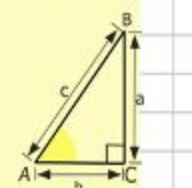
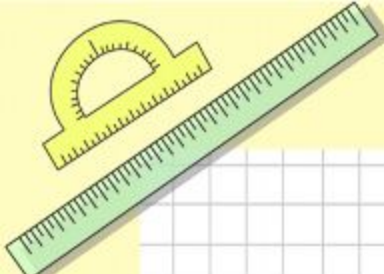
Разминка

Прочти фразу:



$y = \cos x$

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



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



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

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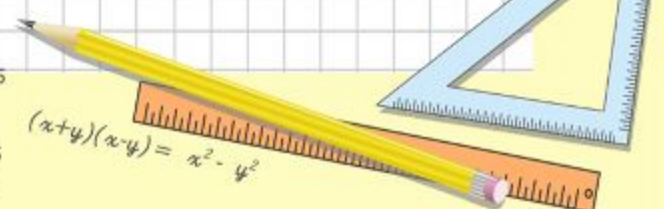


$$\sin 90^\circ = 1$$



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

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



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

Команды

Круг

Нет углов у меня,
а похож на блюдце
я.

На тарелку и на
крышку,
На кольцо, на
колесо.

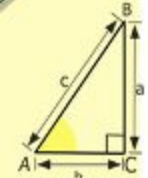
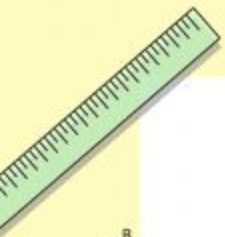
Кто же я такой,
друзья,

Назовите вы меня!

Квадрат

Он давно знакомый
мой,
Каждый угол в нем –
прямой,
Все четыре
стороны
одинаковой
длины.

Вам его
представить рад:
А зовут его.....



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



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

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

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



$$y = \sin 90$$

$$x = 25y + 45$$

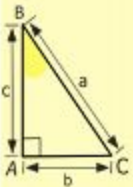
$$y = \frac{x - 45}{25}$$

$$x = 25 + 45$$

$$x = 70$$

$$x = 70$$

$$x = 70$$



$$y = \cos$$

$$2 \times 2 = 4$$

$$3 \times 3 = 9$$

$$4 \times 4 = 16$$

$$5 \times 5 = 25$$

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$$8 \times 8 = 64$$

$$9 \times 9 = 81$$



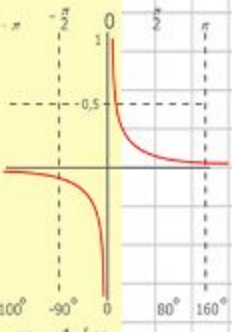
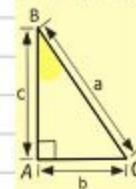
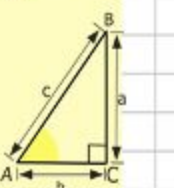
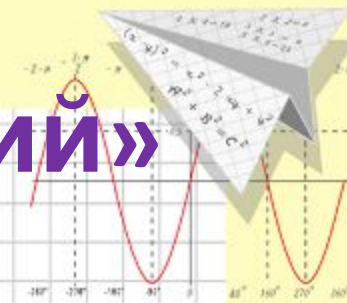
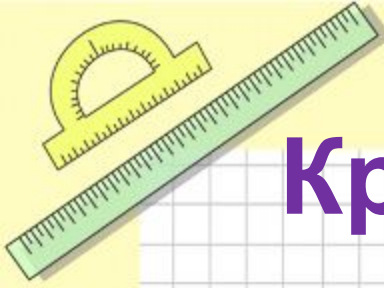
Математика

Кружок «Арифметический»

1

5 котят песок копают,
3 на суше загорают,
2 капаются в золе,
Сколько всех, скажите мне?

$$5+3+2=10$$



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

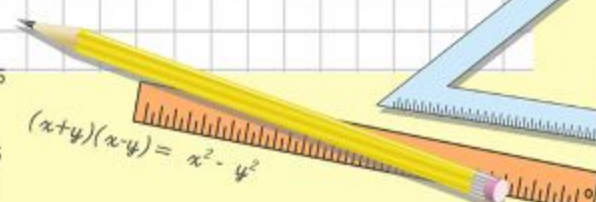
$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$



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



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

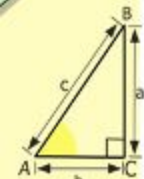


$$(x+y)(x-y) = x^2 - y^2$$

2

Повезло опять Егорке,
У реки сидит не зря!
5 карасиков в ведерке
И 4 пескаря.
Посчитайте-ка улов,
У кого ответ готов?

$$5+4=9$$



$$\begin{array}{r} \frac{1}{2} 500 \\ \times 42 \\ \hline 2100 \\ + 8400 \\ \hline 105000 \end{array}$$



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

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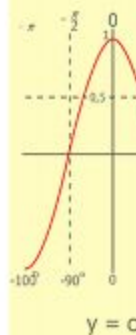
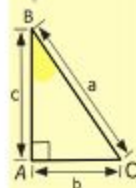
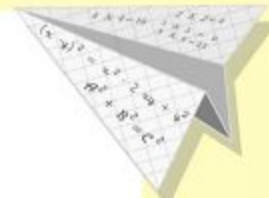
$$\sin 90^\circ = 1$$



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

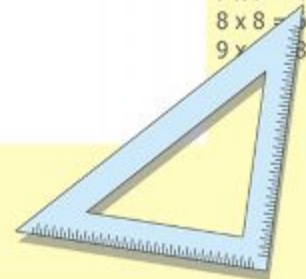
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



$$y = \cos$$

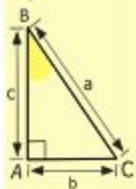
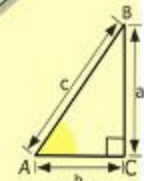
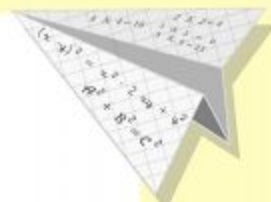
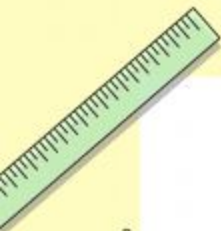
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- 9 x 9 = 81



3

Группа малышей-утят
 Плавать и нырять хотят.
 6 уплыли далеко,
 2 нырнули глубоко.
 Сколько же утят в пруду,
 Сосчитать я не могу?

$$6+2=8$$



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

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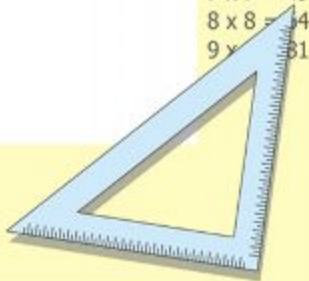
$$\sin 90^\circ = 1$$



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

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



4

Ёж спросил ежа – соседа:

-Ты откуда, непоседа?

- Запасаясь я к зиме,

Видишь яблоки на мне.

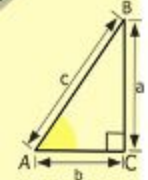
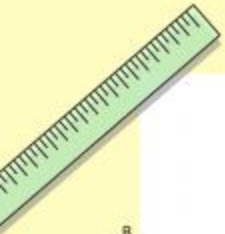
Собираю их в лесу

6 принес, да 3 несу.

Призадумался сосед:

-Это много или нет?

$$6+3=9$$



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



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

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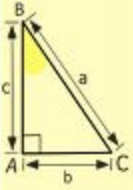
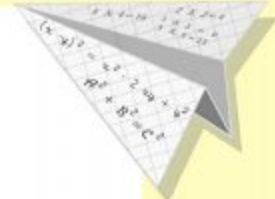
$$\sin 90^\circ = 1$$



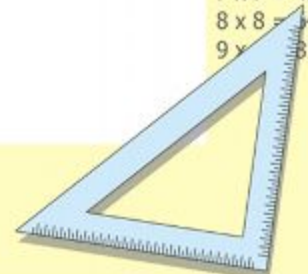
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$$(x+y)(x-y) = x^2 - y^2$$



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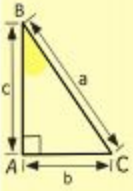
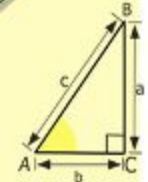
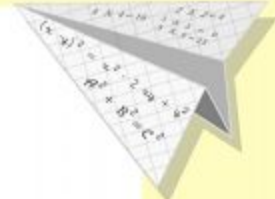
5

В гнізде у синичек
 Лежат 7 яичек.
 Мама – синичка

Положила еше два яичка.

Сколько яичек в гнізде у синичек?

$$7+2=9$$



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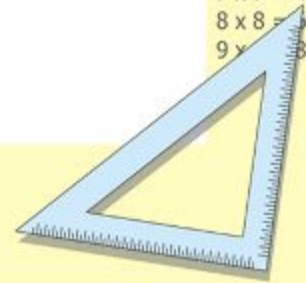
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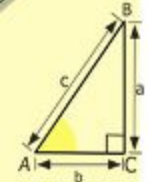
$$(x+y)(x-y) = x^2 - y^2$$



6

5 мышат в траве шуршат,
3 забрались под ушат,
2 мышонка спят под ёлкой.
Сосчитать мышей недолго!

$$5+3+2=10$$



$$\begin{array}{r} \frac{1}{2} 5\ 00 \\ \times 42 \\ \hline 21\ 0 \\ + 84 \\ \hline 105\ 0\ 00 \end{array}$$



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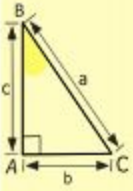
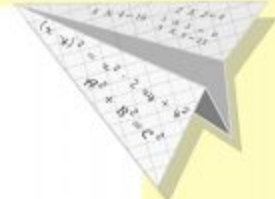
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$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

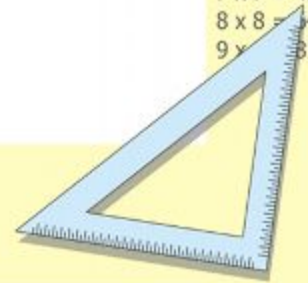
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



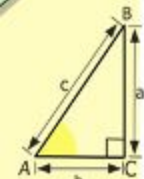
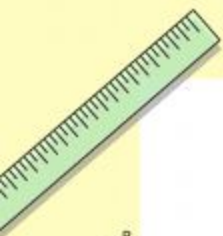
$$y = \cos$$

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Тишка – кот такой глупышка,
 Очень рыбу любит Тишка.
 На рыбалке побывал-
 6 пескариков поймал,
 Щуки 2и 2 ерша.
 Жизнь у Тишки хороша!
 Кто быстрее сосчитал,
 Сколько рыбок кот поймал?

$$6+2+2=10$$



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

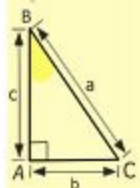
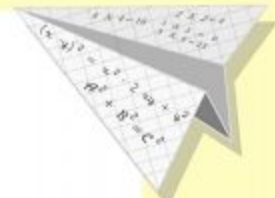


$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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

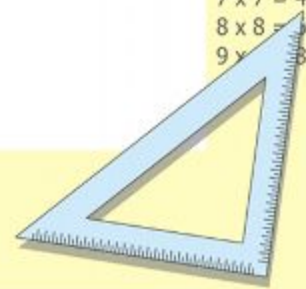
$$x = 70$$

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



$$y = \cos$$

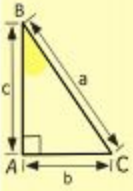
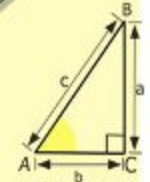
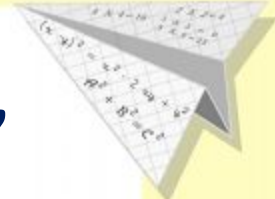
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8

7 пуночек сели в одну кормушку,
8- в другую: сытно их брюшкам.
Вот и спрошу я, ребята, у вас,
Сколько рыбок мы кормим сейчас?

$$7+8=15$$



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

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

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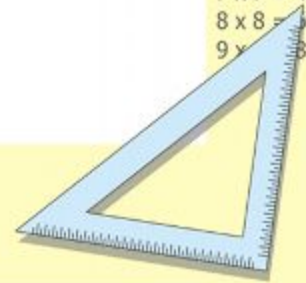
$$\sin 90^\circ = 1$$



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

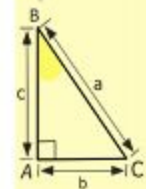
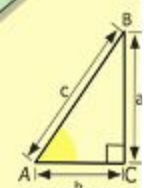
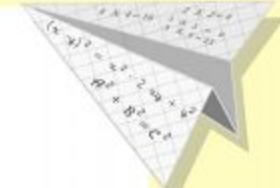
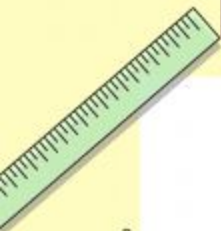
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



Кружок «Экономический»

А	Б	В	Г	Д	Е	Ё	Ж	З	И	Й
2р.	3р.	5р.	7р.	3р.	20р.	2р.	3р.	5р.	3р.	1р.
К	Л	М	Р	О	П	Р	С	Т	У	Ф
3р.	2р.	5р.	7р.	3р.	3р.	2р.	5р.	6р.	8р.	7р.
Х	Ц	Ч	Ш	Щ	Ь	Ы	Ъ	Э	Ю	Я
10р.	23р.	15р.	13р.	25р.	20р.	5р.	10р.	25р.	20р.	30р.



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

- 2 x 2 = 4
- 3 x 3 = 9
- 4 x 4 = 16
- 5 x 5 = 25
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$$\frac{a}{A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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

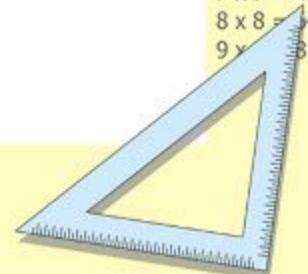
$$\sin 90^\circ = 1$$



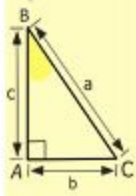
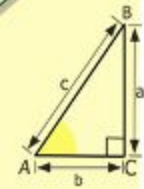
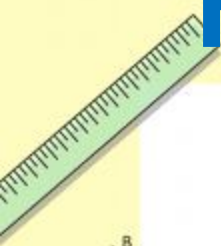
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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

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



Кружок «Геометрический»



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

- $2 \times 2 = 4$
- $3 \times 3 = 9$
- $4 \times 4 = 16$
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- $7 \times 7 = 49$
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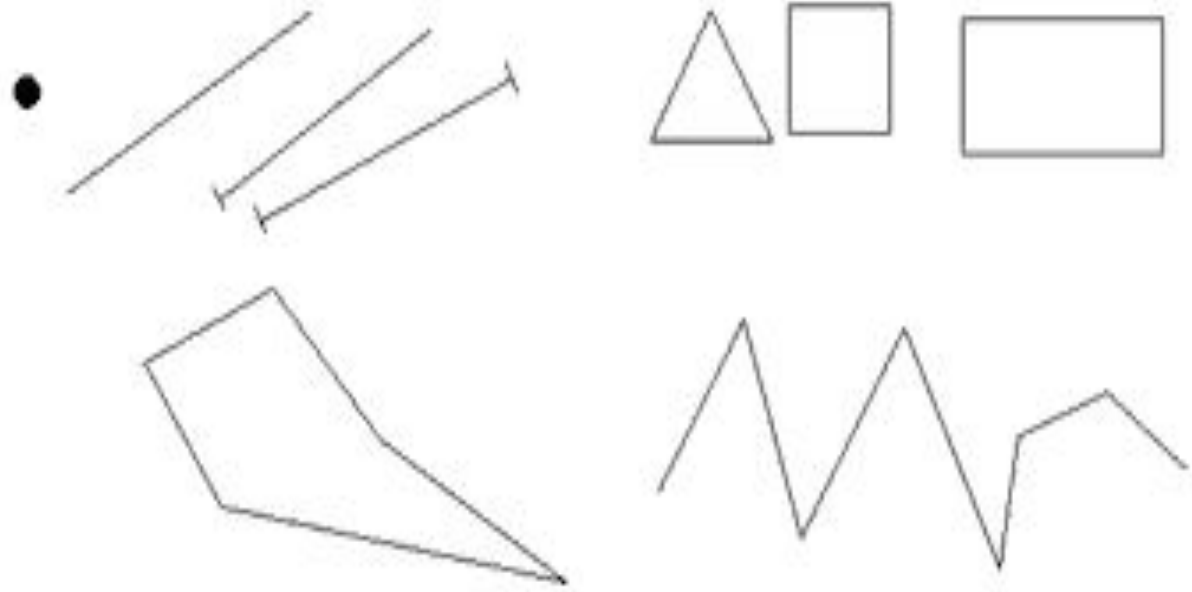
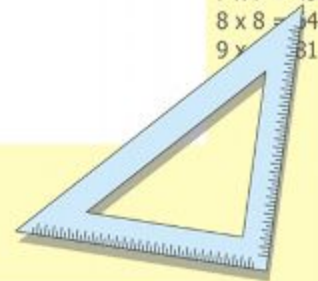
$$\sin 90^\circ = 1$$



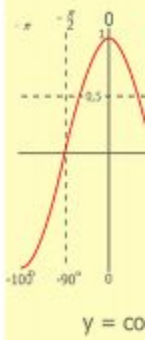
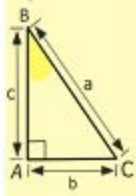
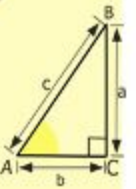
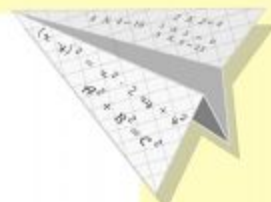
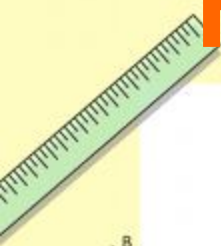
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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



Кружок «Геометрический»



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

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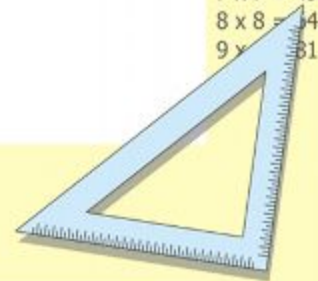
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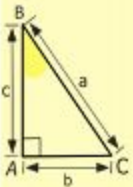
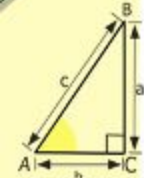
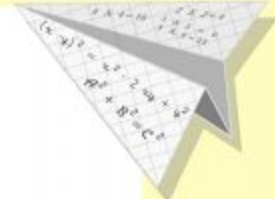
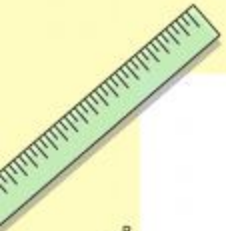


Кружок «Самый смекалистый»

Команде «Круг»

1. Про него есть загадка, но я вам её не скажу. Он очень нужен на математике.
2. Но если его забываешь дома, то можно заменить его пальцем (так почему-то учителя говорят). Но у меня пальцем не получается.
3. Хорошие картинки получаются, если он поточенный.

Карандаш



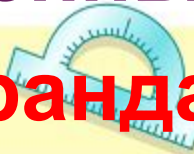
$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 2100 \\ + 8400 \\ \hline 105000 \end{array}$$

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



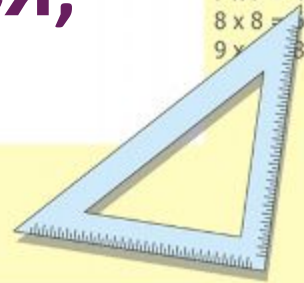
$$\frac{a}{A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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



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

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



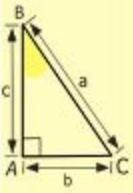
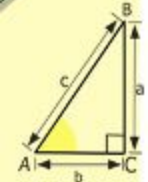
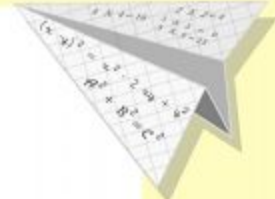
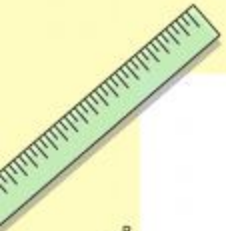
Кружок «Самые

смекалистые»

Команде «Квадрат»

1. На ней можно поспать, если не выпался
2. У аккуратных учеников можно всегда на ней найти под рукой линейку и ручку.
3. Учителя всегда возмущаются, если на ней рисуешь

Парта



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

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

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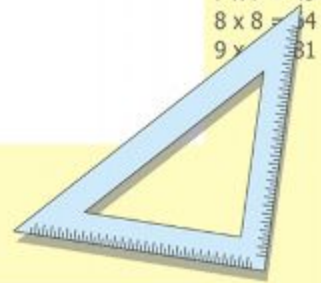
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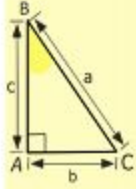
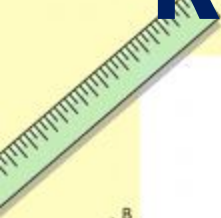
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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

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



Кружок «Лучшие капитаны»



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

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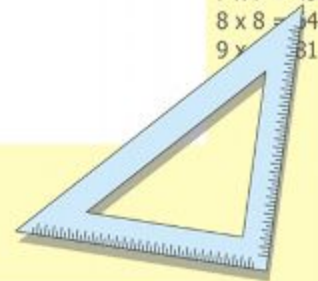
$\sin 90^\circ = 1$



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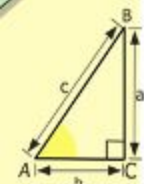
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



Кружок «Импровизаторы»

Для чего нам нужна математика?



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



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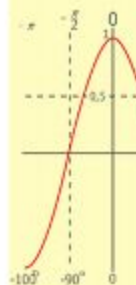
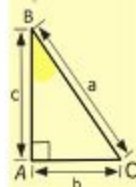
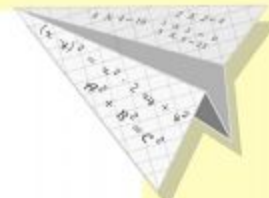
$$\sin 90^\circ = 1$$



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

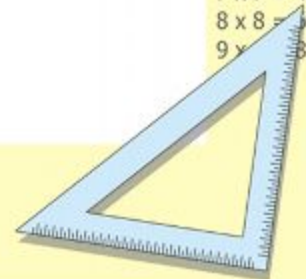
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



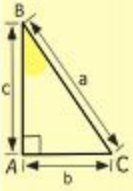
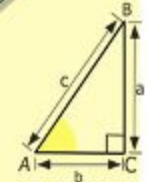
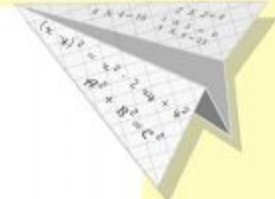
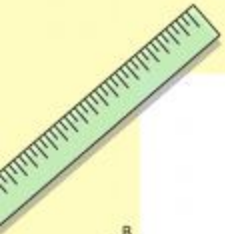
$$y = \cos$$

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- $7 \times 7 = 49$
- $8 \times 8 = 64$
- $9 \times 9 = 81$



Финиш!

Математика – наука
Нас избавила от скуки!
Всем и каждому нужна
И поэтому важна!



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

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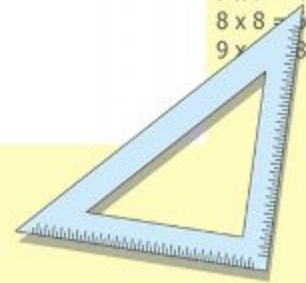
$$\sin 90^\circ = 1$$



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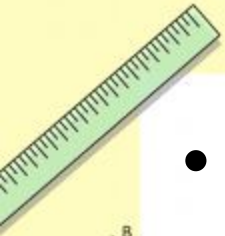
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



Интернет-ресурсы

- Nsportal.ru
- www.uhportal.ru
- Easyen.ru
- Pedsovet.su
- Prezentazia.ucoz.ru
- Shkola-abv.ru



$$\begin{array}{r} \frac{1}{2} 5\ 00 \\ \times 42 \\ \hline 21\ 0 \\ + 84 \\ \hline 105\ 0\ 00 \end{array}$$



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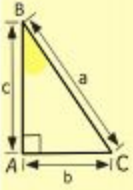
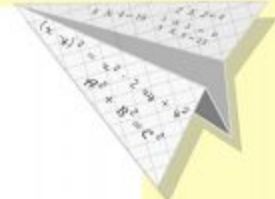
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