

Математик

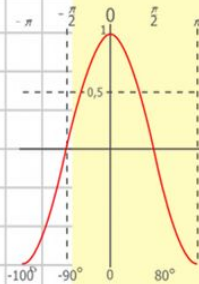
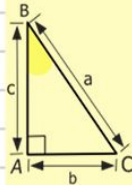
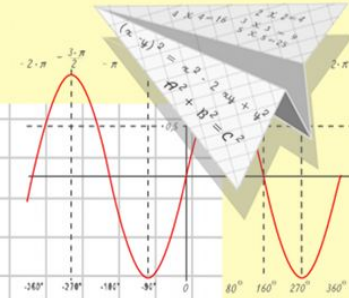
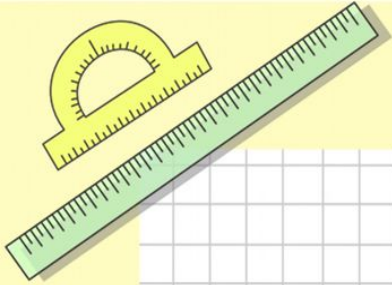
а

Проект по математике «Математика вокруг нас»

Выполнила ученица 4 «В»
класса

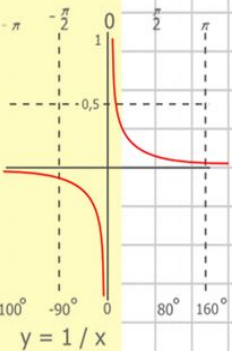
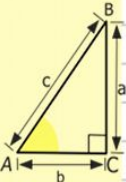
МКОУ СОШ № 28

Ильющенко Светлана



$$y = \cos x$$

- 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



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

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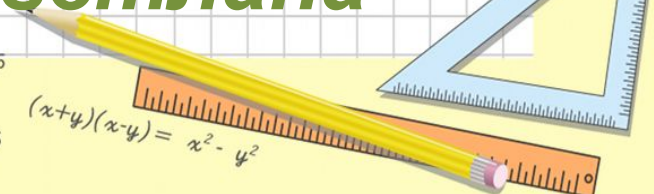


$$\sin 90^\circ = 1$$



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

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

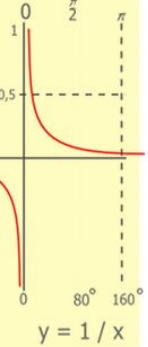
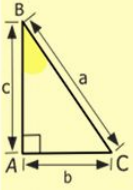
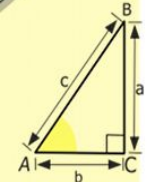
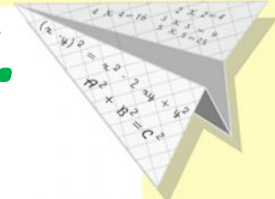


Математика — царица наук.

Карл Фридрих Гаусс

Математика — один из основных предметов, который учит думать. Только подумайте, все доступные нам технологии, возможны благодаря математике!

Все законы в нашем мире подчинены законам математики — машина едет, самолет летит, телевизор показывает изображение.



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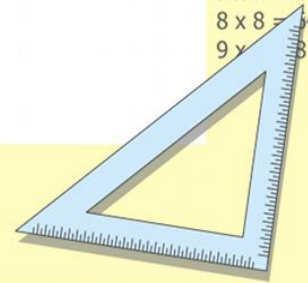


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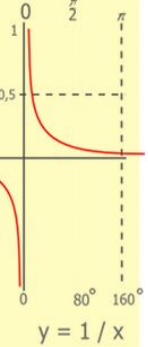
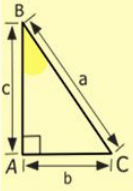
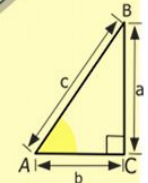
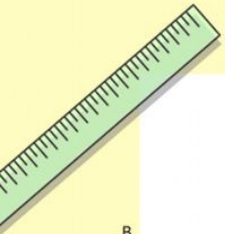
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$$(x+y)(x-y) = x^2 - y^2$$



Цель проекта

- С помощью интернета найти несколько интересных задач, в которых надо проводить сравнение, классификацию объектов, подмечать закономерности построения числовых рядов и преобразовывать геометрические фигуры.



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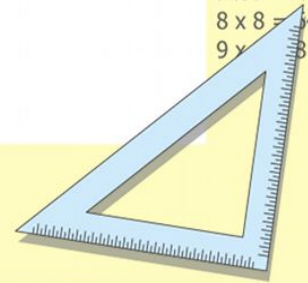


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Сравнение

- Лена за 6 минут успевает раскрасить 60 капелек, а ее младшая сестра за 8 часов — 72 капельки. На сколько больше капелек в час раскрашивает Лена?



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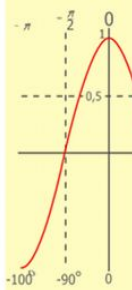
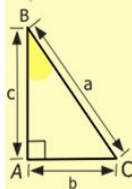
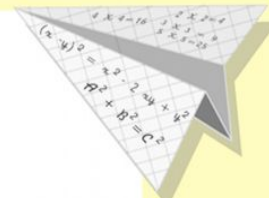
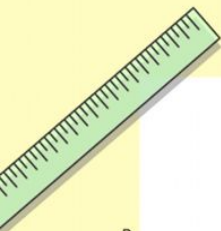
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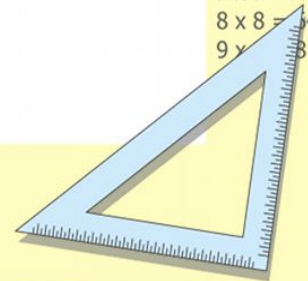
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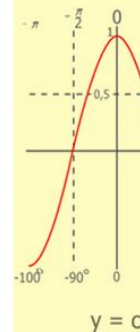
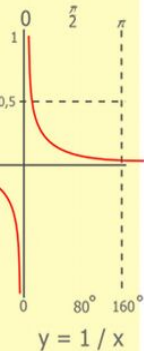
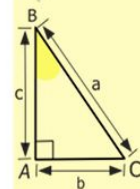
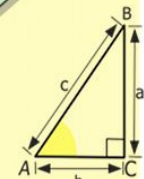
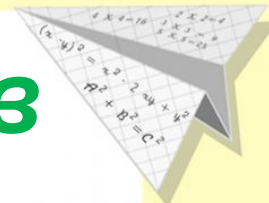
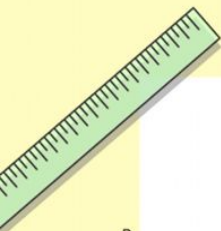


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Классификация объектов

- Какое выражение можно назвать лишним:
- $1+3+2$; $1+5$; $7-1$; $2+4$; $6-4$; $3+3$.
- Подсказка: 3 ответа.



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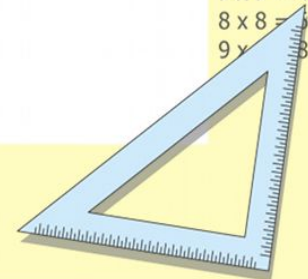
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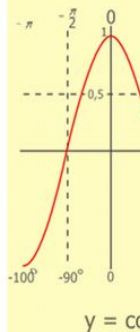
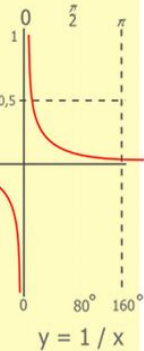
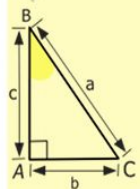
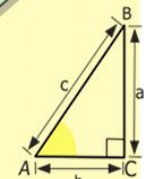
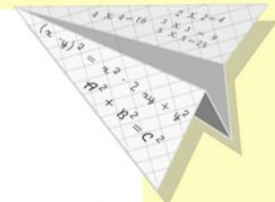
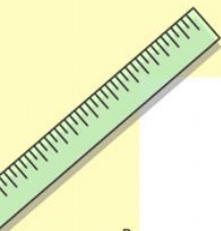
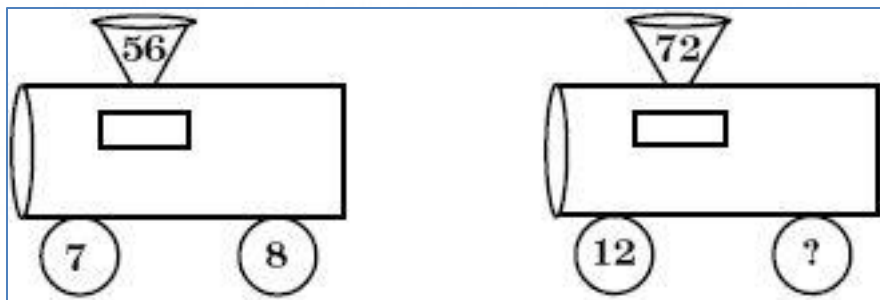
$$(x+y)(x-y) = x^2 - y^2$$



Числовые ряды

На рисунки с числами, необходимо вместо вопроса поставить нужное число.

"Паровоз":



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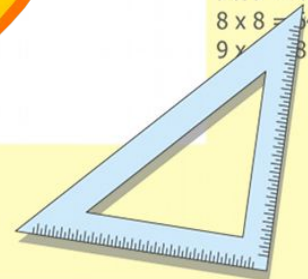
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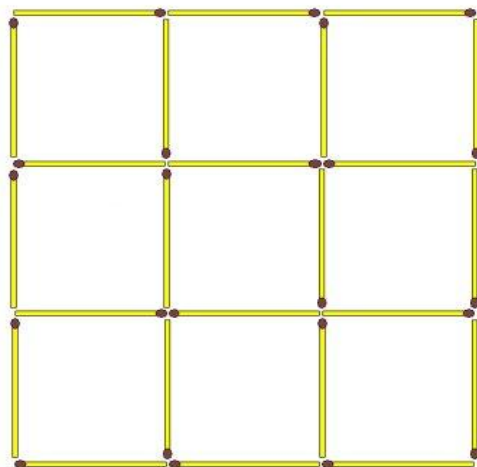
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Преобразование геометрических фигур

- Перед Вами девять квадратов, образованных двадцатью четырьмя спичками. Уберите четыре спички так, чтобы осталось пять квадратов



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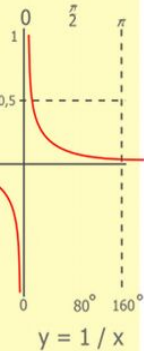
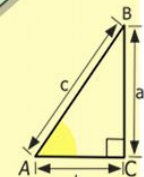
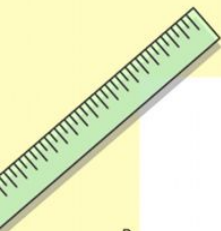


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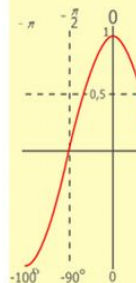
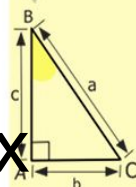
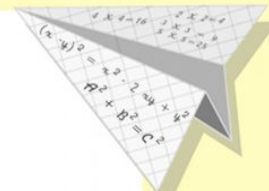


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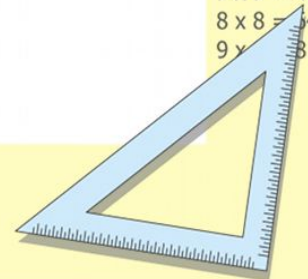
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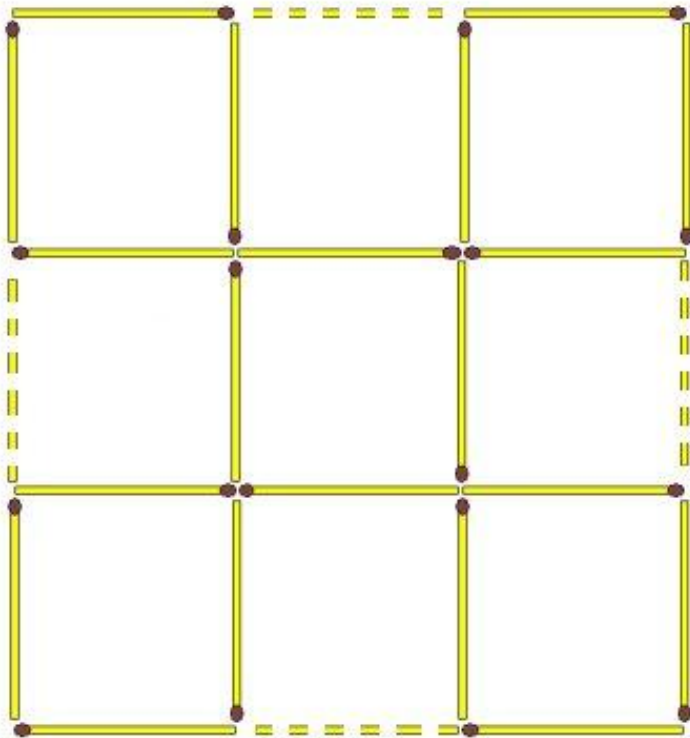
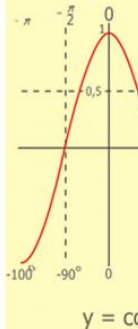
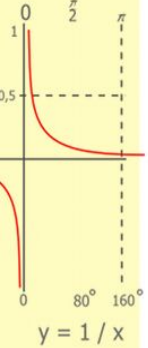
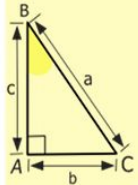
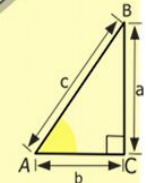
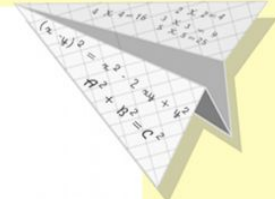
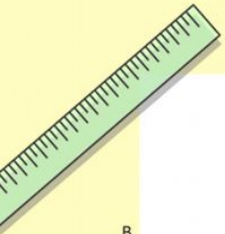


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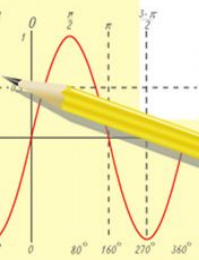
Ответ



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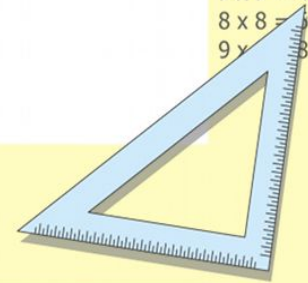
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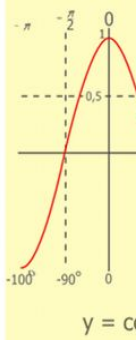
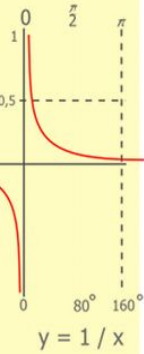
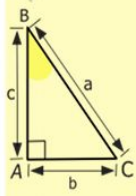
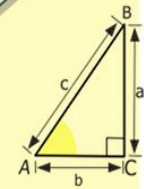
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МОЛОДЦЫ!

Спасибо за внимание



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