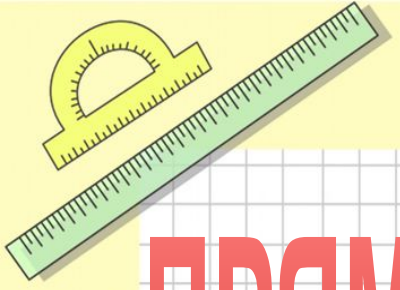
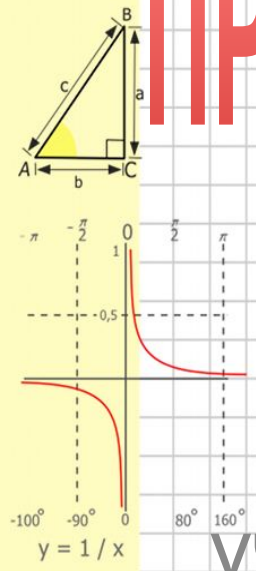
Математик

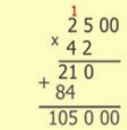
а

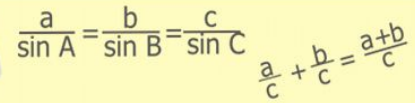
# ПРЯМОУГОЛЬНЫЙ ПАРАЛЛЕЛЕПИПЕ

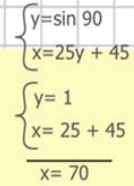
## 5 класс

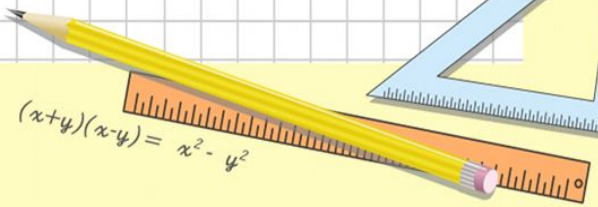
учитель математики МКОУ
Павловская СОШ №3
Коржукова Оксана
Николаевна

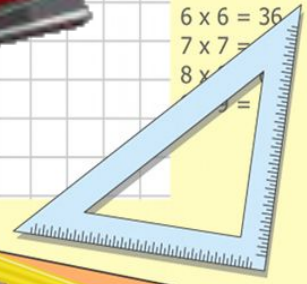
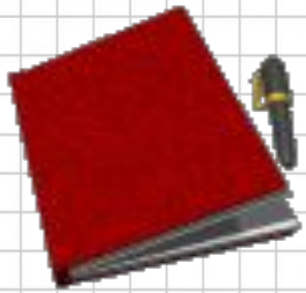
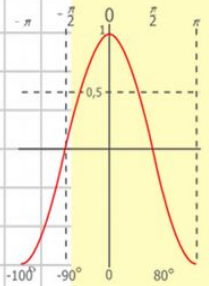



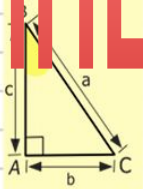
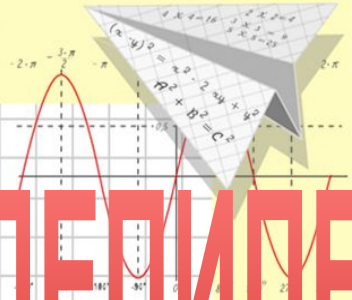




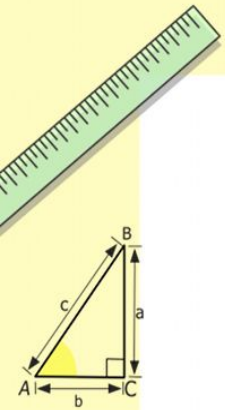



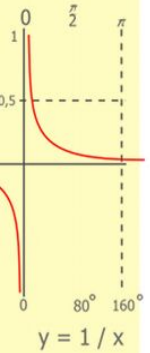


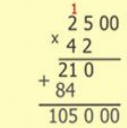




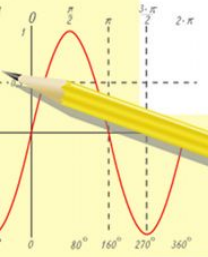



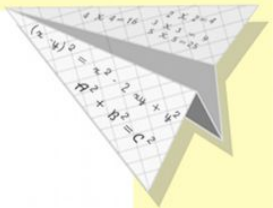
Ну-ка проверь дружок
Ты готов начать урок?
Всё ль на месте, всё ль в порядке,
Ручка, книжка и тетрадка?
Все ли правильно сидят?
Все ль внимательно глядят?
Каждый хочет получать,
Только лишь оценку «5».
Тут затеи и задачи,
Игры, шутки, всё для вас!
Пожелаем же удачи –
За работу, в добрый час!

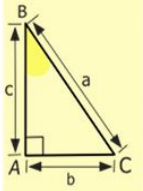


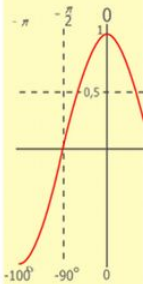



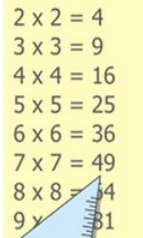



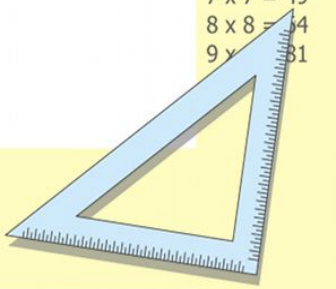








$$S = a \cdot b ,$$

$$P = a+a+a+a,$$

$$S=b \cdot a,$$

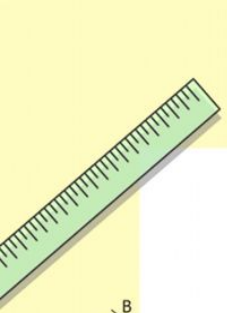
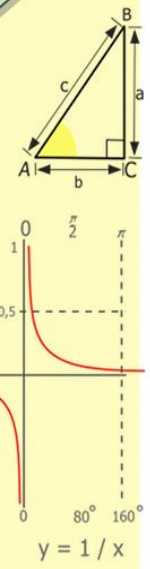
$$P = 4a,$$

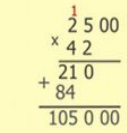
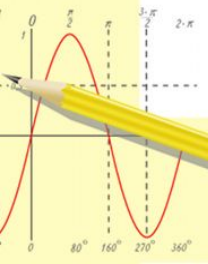
$$P=(a+b) \cdot 2$$

$$S = a^2,$$

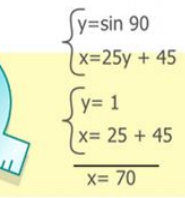
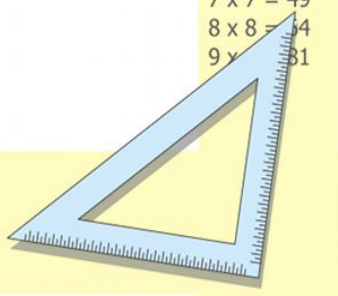
$$P = a+b+a+b,$$

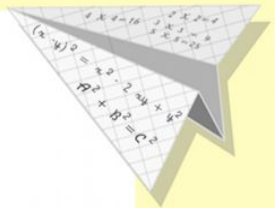
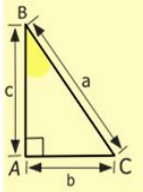
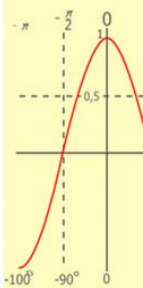
$$S= a \cdot a$$

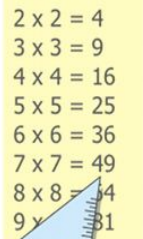



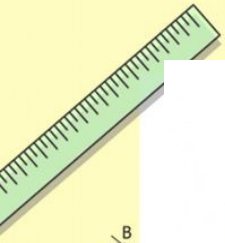



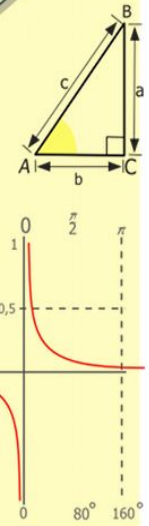


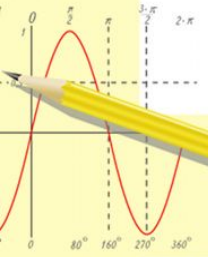



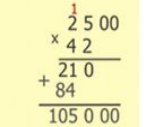


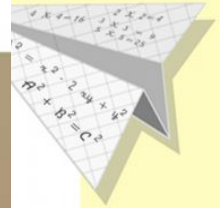


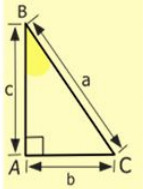


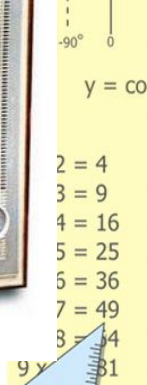










$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$

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

$\sin 90^\circ = 1$

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

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

$x = 70$

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

Математик
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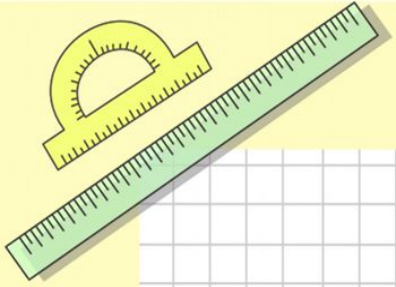
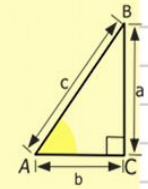
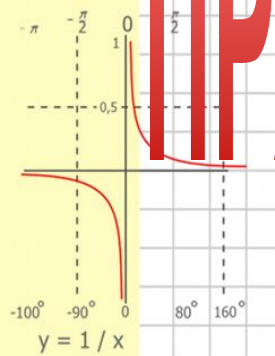
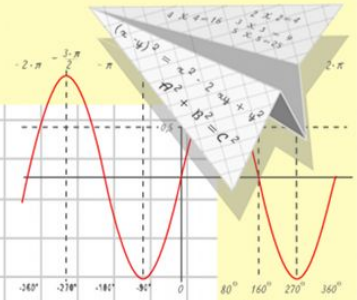
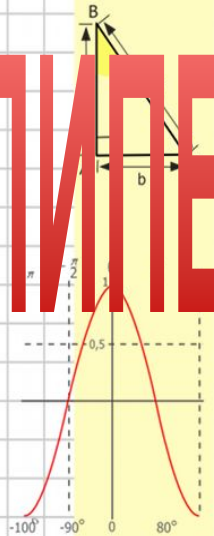
# ПРЯМОУГОЛЬНЫЙ ПАРАЛЛЕЛЕПИПЕ

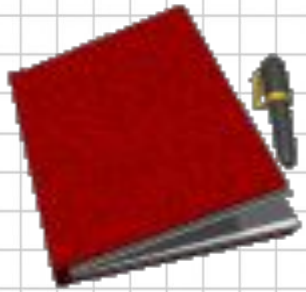


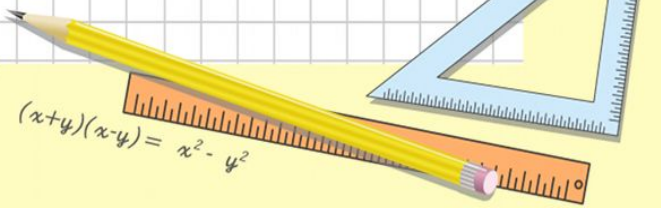






$$\frac{a}{\sin A}=\frac{b}{\sin B}=\frac{c}{\sin C}$$

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

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

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

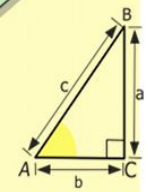
$$\begin{cases} y=1 \\ x=25+45 \end{cases}$$

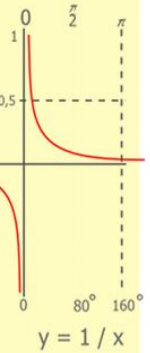
$$x=70$$

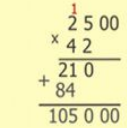
$$(x+y)(x-y)=x^2-y^2$$

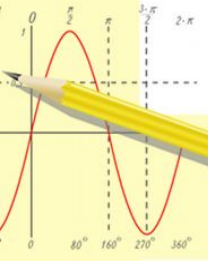
# Сегодня на уроке вы узнаете:

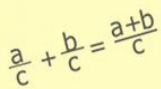
1. ***Что такое прямоугольный параллелепипед?***
2. **Сколько ребер, вершин и граней у параллелепипеда? Их свойства.**

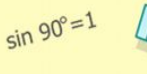


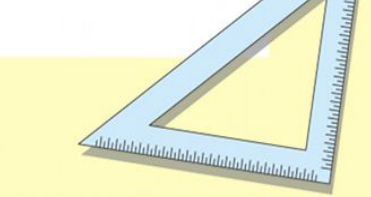



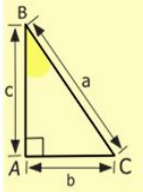



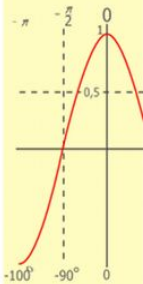



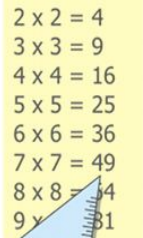




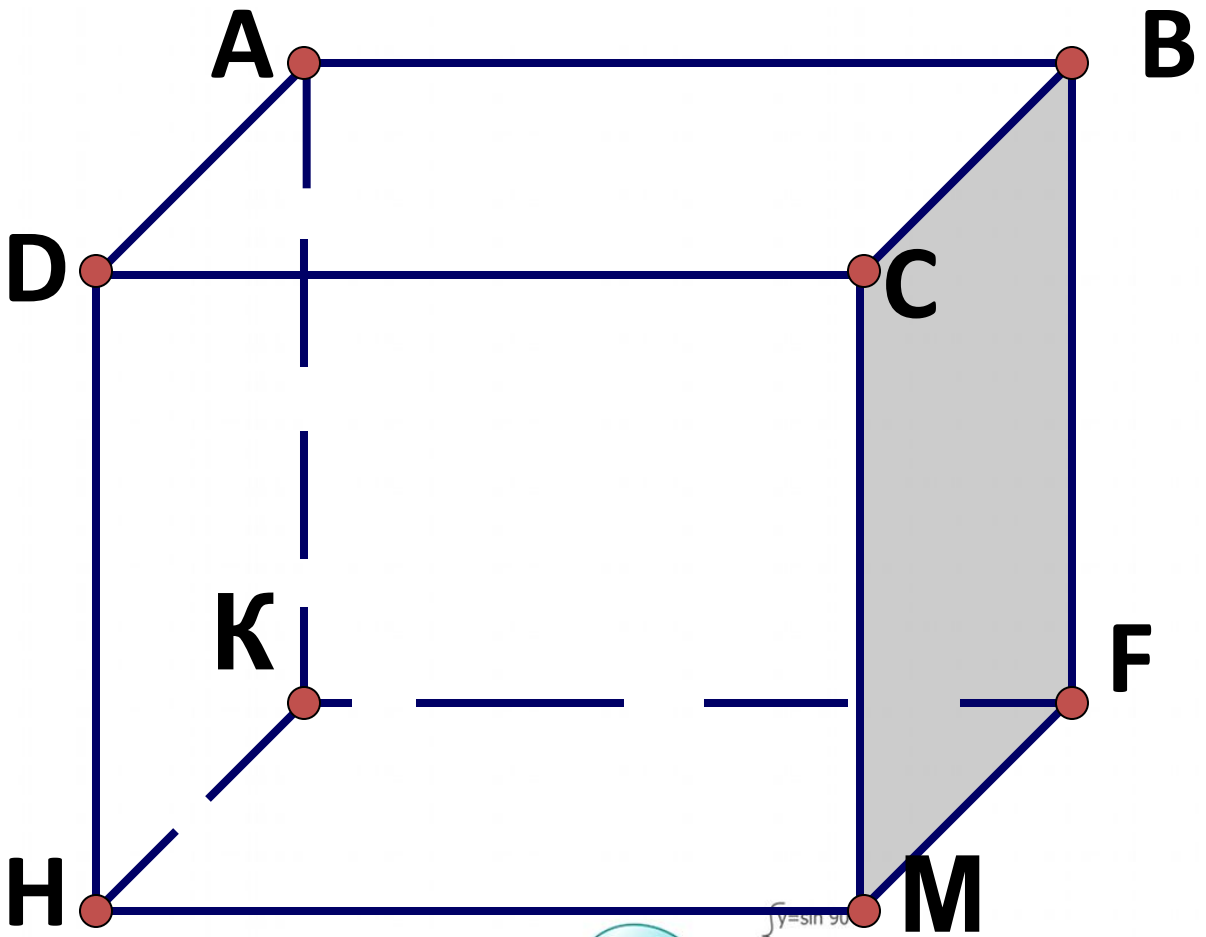


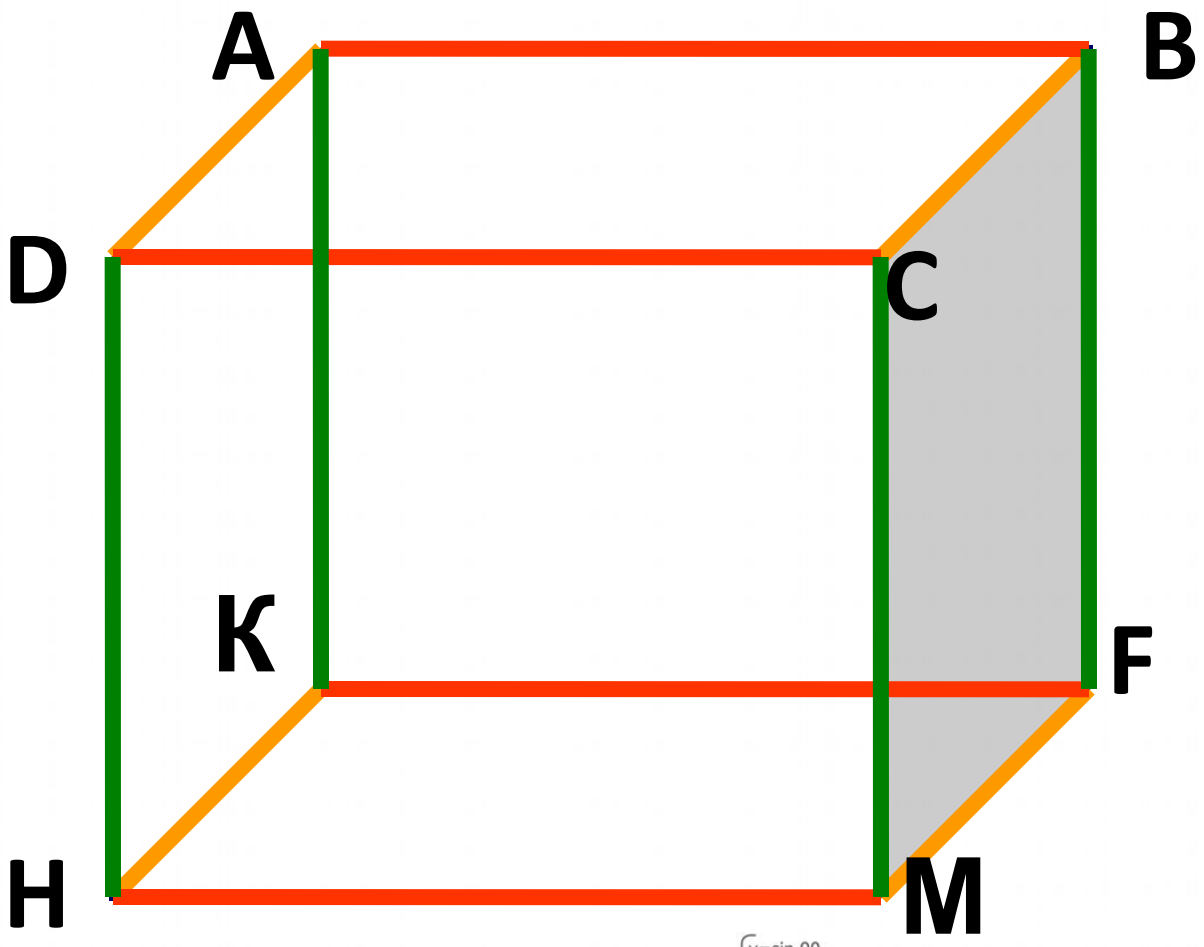



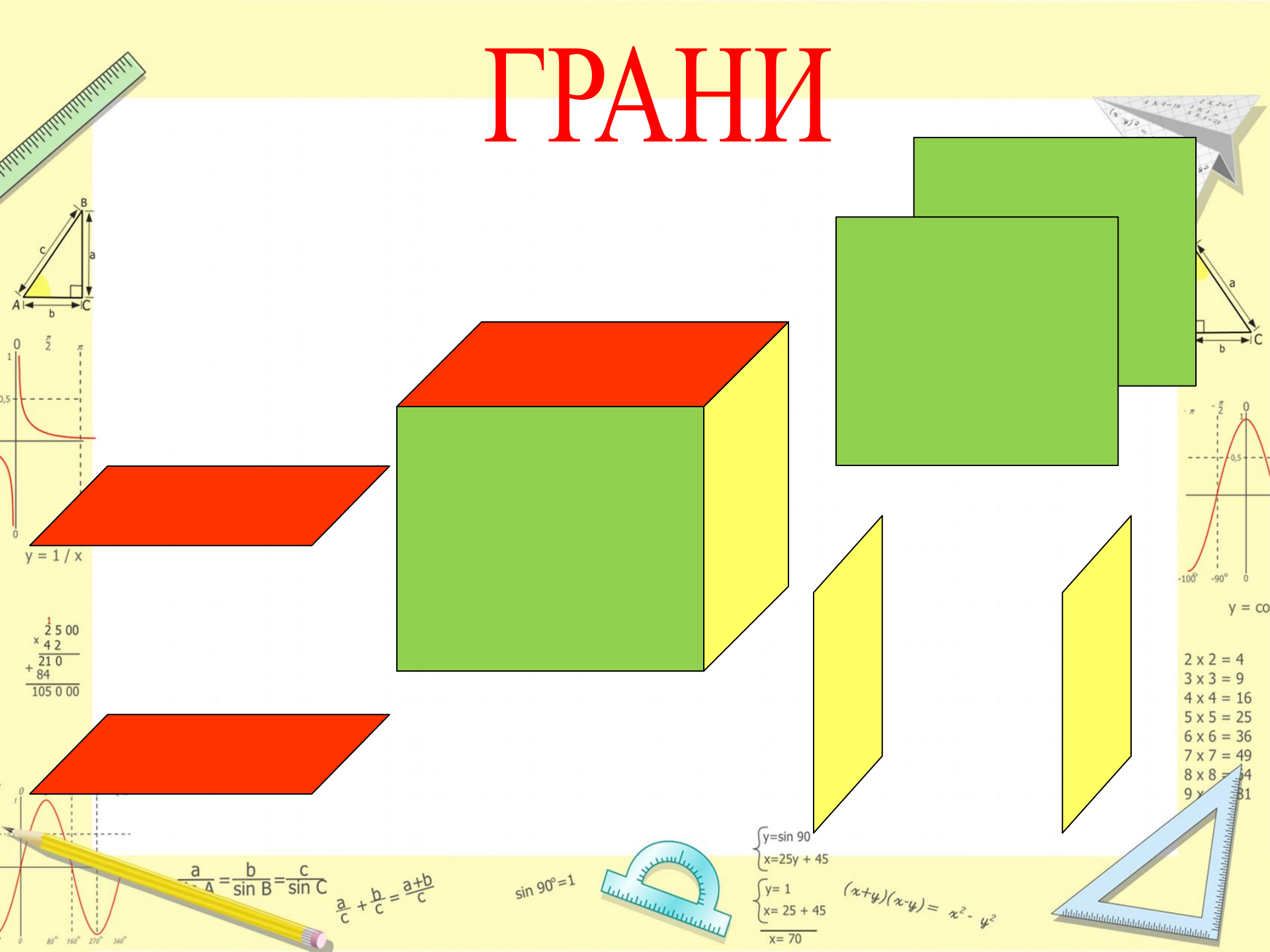
# ВЕРШИНЫ



# РЁБРА



# ГРАНИ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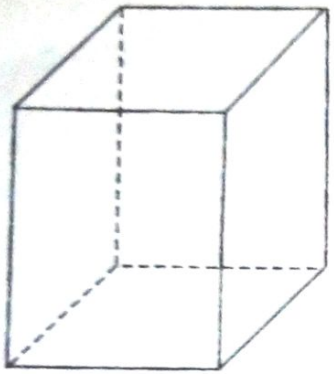
2 5 00
4 2
21 0
84
105 0 00
2 x 2 = 4
3 x 3 = 9
4 x 4 = 16
5 x 5 = 25
6 x 6 = 36
7 x 7 = 49
y=sin 90
x=25y + 45
y= 1
x= 25 + 45
x= 70
sin 90°=1
(x+y)(x-y)= x² - y²

# Учимся изображать ПАРАЛЛЕЛЕПИПЕД

- **Задание №1**

Скопируйте в тетрадь параллелепипед, изображённый на рисунке , следующим образом:

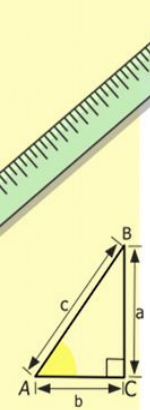
- начертите переднюю (видимую) грань параллелепипеда;
- проведите видимые и невидимые рёбра боковых граней;
- начертите заднюю (невидимую) грань.

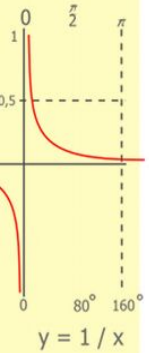


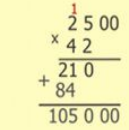
# АЛГОРИТМ

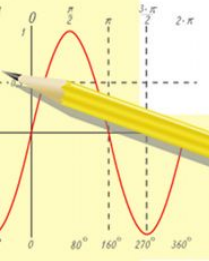
## построения прямоугольного параллелепипеда

- Начертите переднюю (видимую) грань параллелепипеда.
- Проведите видимые и невидимые ребра боковых граней.
- Начертите заднюю (невидимую) грань.

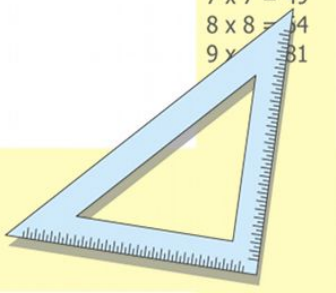


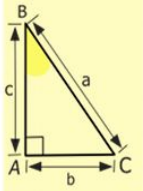



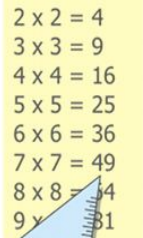







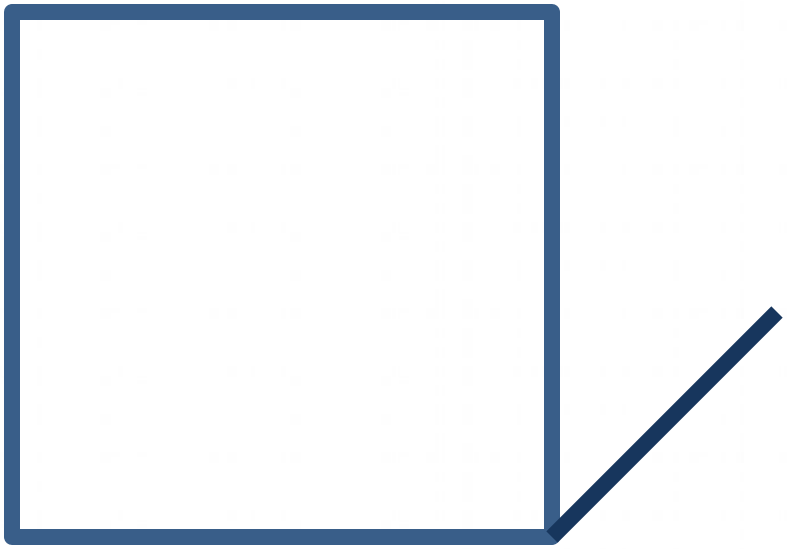






# Учимся изображать ПАРАЛЛЕЛЕПИПЕД

- **Задание №2**



Математик

# РЕФЛЕКСИЯ

## НА УРОКЕ

- Я узнал…
- Я научился…
- Мне понравилось…
- Я затруднялся…
- Моё настроение…

# ДОМАШНЕЕ ЗАДАНИЕ

п. 20 прочитать и ответить на вопросы,
№790, 815, 816.