

# Математик

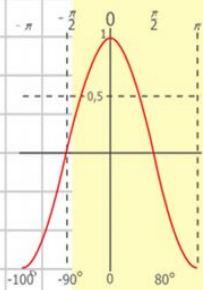
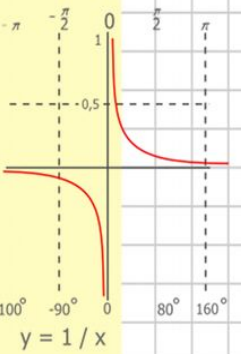
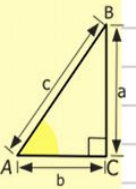
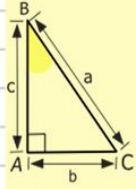
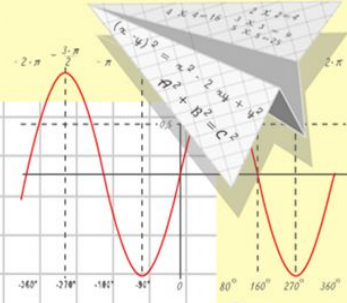
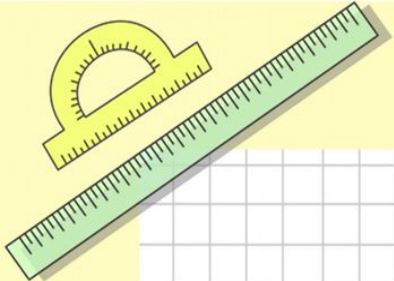
а



## СРЕДНЕЕ АРИФМЕТИЧЕСКОЕ

22.04.2020

5а и 5к классы



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

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



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

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

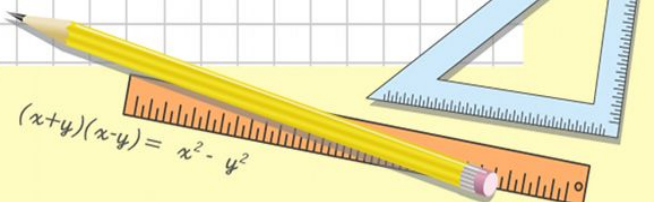


$$\sin 90^\circ = 1$$



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

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



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

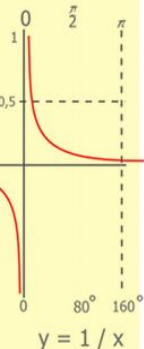
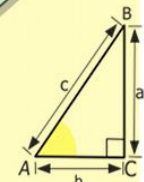
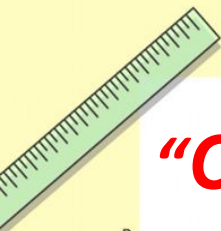
**“Считай несчастным тот день или тот час, в который ты не усвоил ничего нового, ничего не прибавил к своему образованию”.**

**Ян Амос Каменский**



**Я.А.КАМЕНСКИЙ 1592 – 1670**

vseyanu.3dn.ru



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



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

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

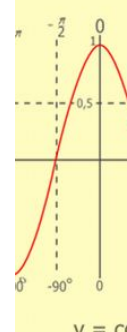
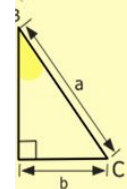
$$\sin 90^\circ = 1$$



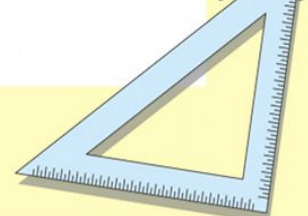
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$$(x+y)(x-y) = x^2 - y^2$$



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



# Математик

Сколько в среднем пирожков  
досталось каждому?

12 шт

12 : 3 = 4



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

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

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

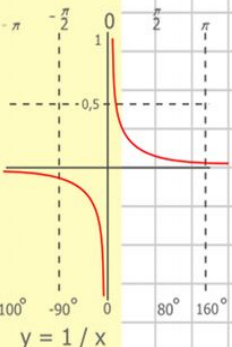
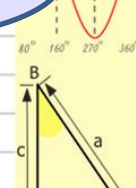
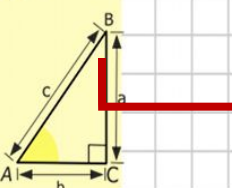
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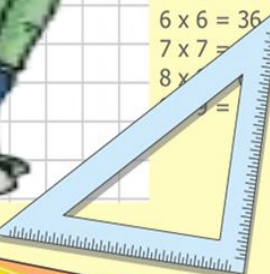
$$x = 70$$

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

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



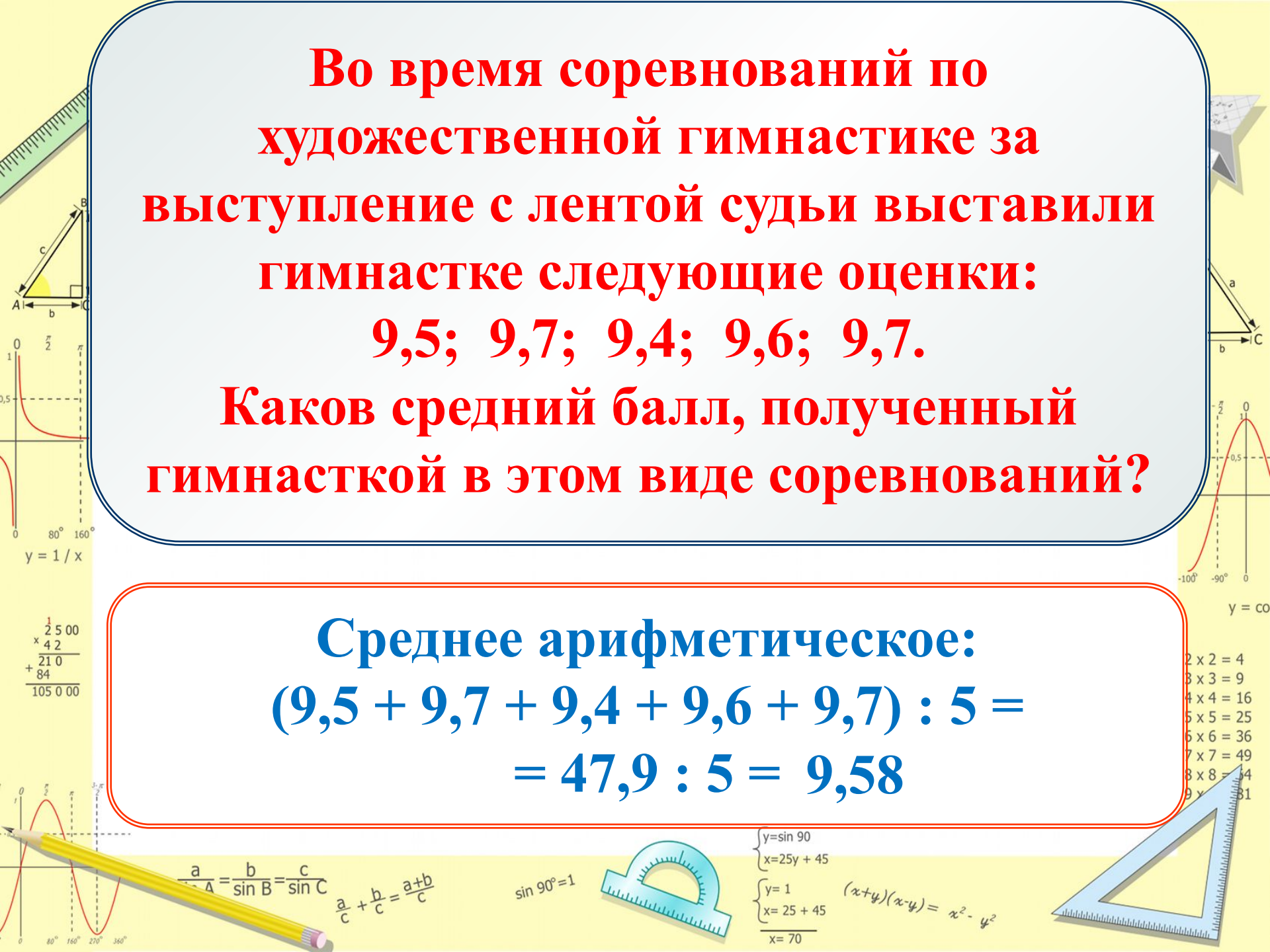
$$y = \cos x$$
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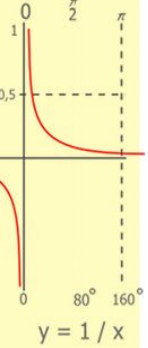
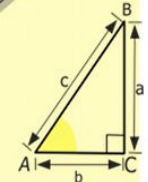
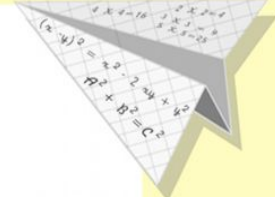
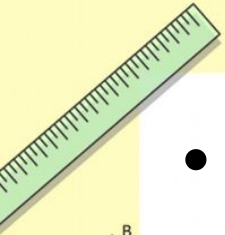
**Во время соревнований по художественной гимнастике за выступление с лентой судьи выставили гимнастке следующие оценки:  
9,5; 9,7; 9,4; 9,6; 9,7.  
Каков средний балл, полученный гимнасткой в этом виде соревнований?**

**Среднее арифметическое:  
(9,5 + 9,7 + 9,4 + 9,6 + 9,7) : 5 =  
= 47,9 : 5 = 9,58**



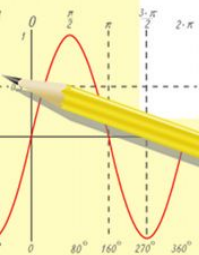
# Письменная работа

- Выполнить номера учебника: 1499, 1500 (страница 227)



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

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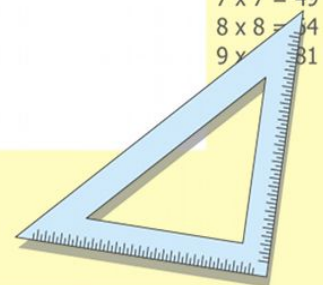
$$\sin 90^\circ = 1$$



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



# Самостоятельная работа.



**1 вариант.**

**2 вариант.**

**НАЙДИ СРЕДНЕЕ АРИФМЕТИЧЕСКОЕ ЧИСЕЛ**

**25,6; 28,7; 14,4; 12,9**

**32,7; 42,2; 14,8; 32,9**

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

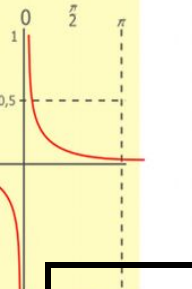
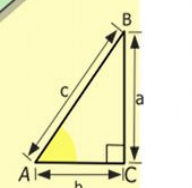
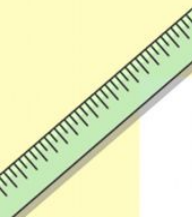
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$$\sin 90^\circ = 1$$

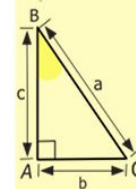
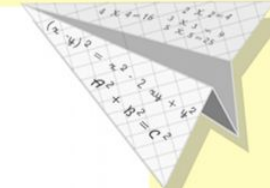
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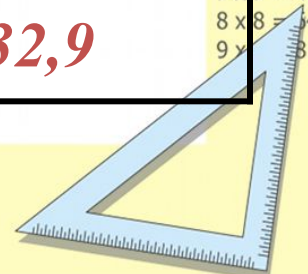
$$(x+y)(x-y) = x^2 - y^2$$



1	2	5	00
x	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
8	x	8	=	64
9	x	9	=	81



# Домашнее задание:

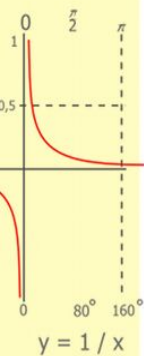
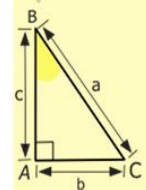
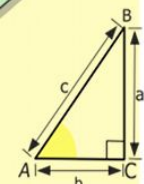
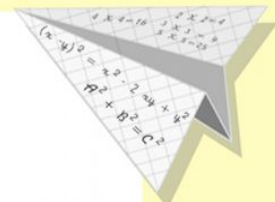
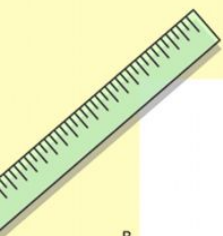
- Выполнить номер 1501 (страница 227).

По учебнику: *Математика. 5 класс, Н.Я. Виленкин*

- Сдать домашнее задание необходимо до начала следующего урока

(не позднее 23.04.2020 – 5а и 5к классы)

Домашнее задание можно сдать либо в комментариях в факультативе, либо в ВК у кого есть возможность.



$$\begin{array}{r} 1\ 2\ 5\ 00 \\ \times 4\ 2 \\ \hline 21\ 0 \\ + 84 \\ \hline 105\ 0\ 00 \end{array}$$

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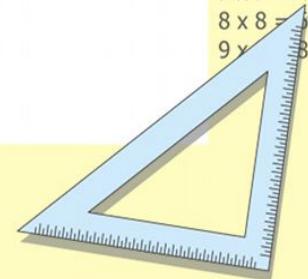


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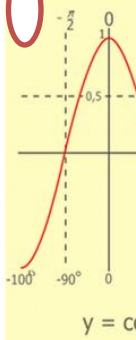
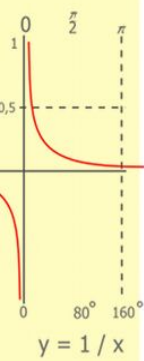
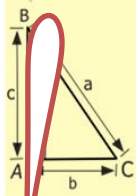
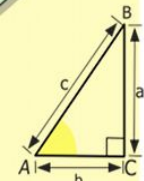
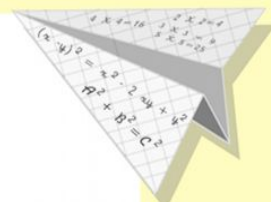
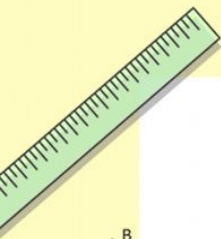
$$\begin{cases} y = 1 \\ x = 25 + 45 \end{cases}$$

$$x = 70$$

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



# Спасибо за урок!



$$\begin{array}{r} 1\ 2\ 5\ 00 \\ \times 4\ 2 \\ \hline 2\ 1\ 0 \\ + 84 \\ \hline 105\ 0\ 00 \end{array}$$

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