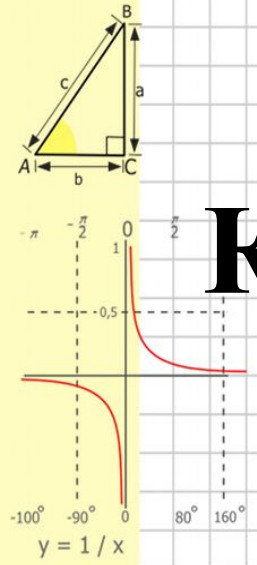
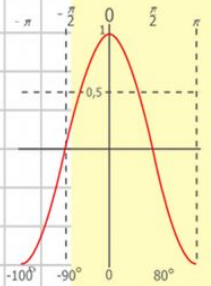
Математика

Классная работа. 24.01





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

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

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

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

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

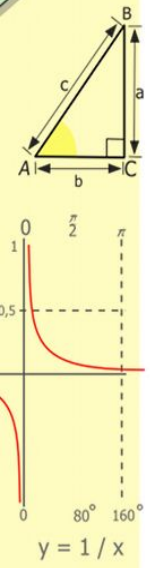
$$x=70$$

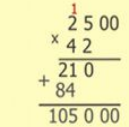
$$(x+y)(x-y)=x^2-y^2$$

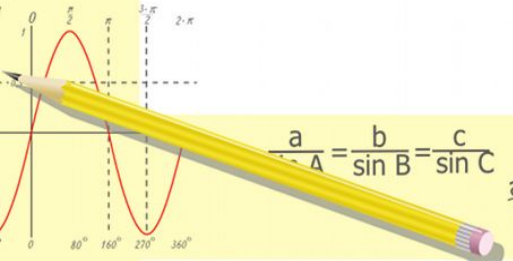
Тема урока:

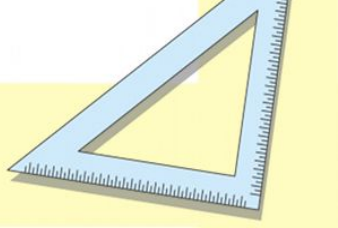
Взаимосвязь между скоростью, временем и расстоянием.

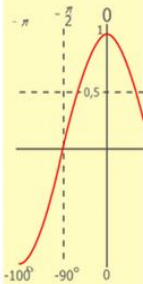
Умножение на числа, оканчивающиеся нулями.

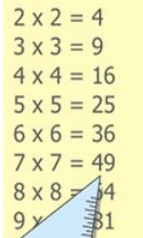






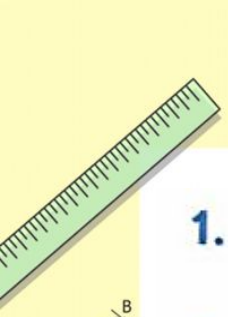
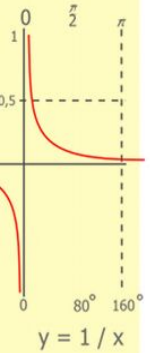
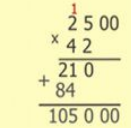
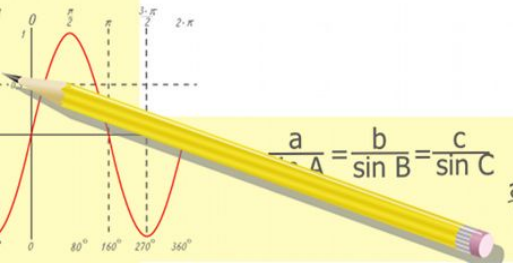
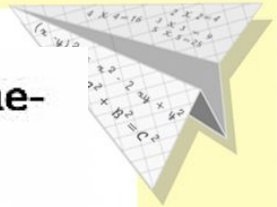
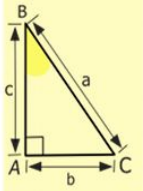
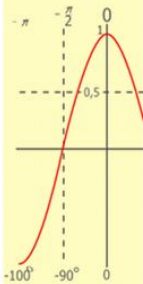
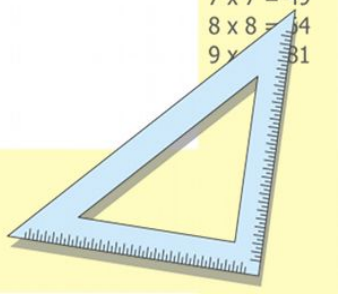






Устный счёт

1. Представьте число 4979 в виде суммы разрядных слагаемых.
2. Первый множитель 500, второй — 2. Найдите произведение.
3. Уменьшите 800 в 40 раз.
4. Я задумала число, уменьшила его в 20 раз и получила 3. Какое число я задумала?
5. Увеличьте произведение чисел 5 и 6 в 10 раз.
6. Число, содержащее 30 десятков, уменьши в 30 раз.
7. Какое число увеличили в 1000 раз и получили 0?
8. Увеличьте число 5 в 10 раз, в 100 раз, в 1000 раз.
9. Шапка стоит a р., а пальто в 8 раз дороже. Сколько стоит пальто?
10. Шапка стоит a р., а пальто в 8 раз дороже. Сколько стоят пальто и шапка вместе?

Объясни приём умножения.

1) $243 \cdot 20 = 243 \cdot (2 \cdot 10) = 243 \cdot 2 \cdot 10$;

2) $532 \cdot 300 = 532 \cdot (3 \cdot 100) = 532 \cdot 3 \cdot 100$.

Решение можно записать так:

1)
$$\begin{array}{r} 243 \\ \times\ 20 \\ \hline 4860 \end{array}$$

2)
$$\begin{array}{r} 532 \\ \times\ 300 \\ \hline 159600 \end{array}$$

$$\begin{array}{r} 250 \\ \times\ 42 \\ \hline 210 \\ +\ 84 \\ \hline 10500 \end{array}$$

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

$y = 1 / x$

$y = co$

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

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

$\sin 90° = 1$

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

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

$x = 70$

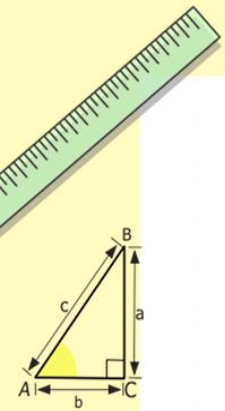
$(x+y)(x-y) = x^2 - y^2$

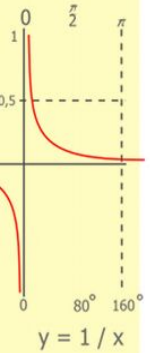
$$532 \cdot 300 =$$

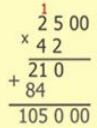
$$532 \cdot (3 \cdot 100) =$$

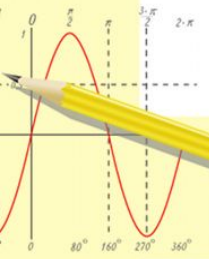
$$(532 \cdot 3) \cdot 100 =$$

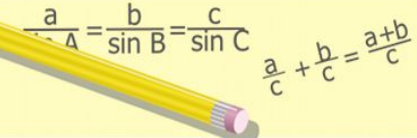
$$159600$$

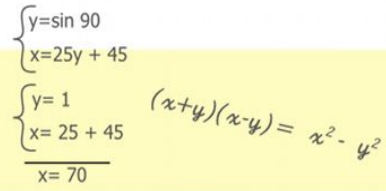


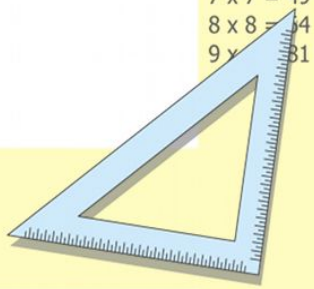


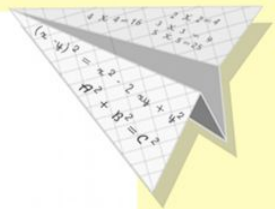


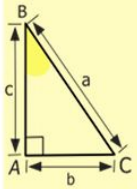


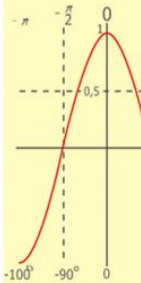








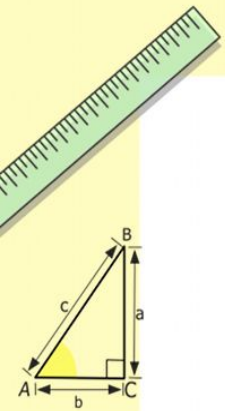


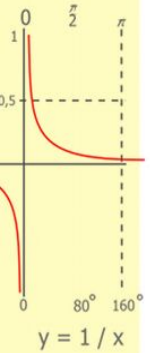


y = co

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

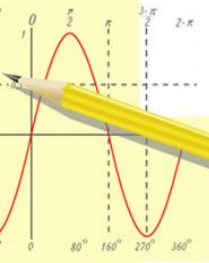
$$\begin{array}{r} \times 532 \\ 300 \\ \hline 159600 \end{array}$$





y = 1 / x

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



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

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

$\sin 90° = 1$

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

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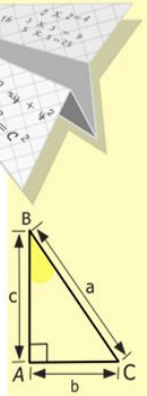
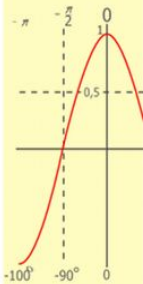
$x = 70$

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



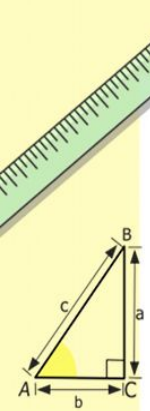


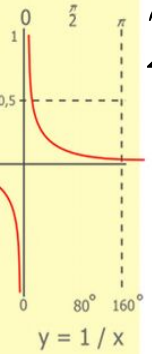
y = co

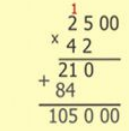
2 x 2 = 4
3 x 3 = 9
4 x 4 = 16
5 x 5 = 25
6 x 6 = 36
7 x 7 = 49
8 x 8 = 64
9 x 9 = 81

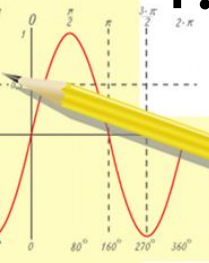
Алгоритм умножения

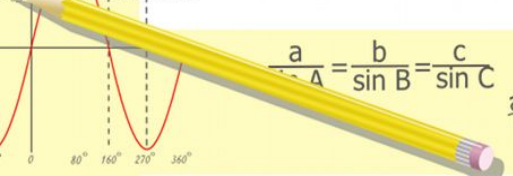
1. Второй множитель записываю так, чтобы нули остались справа.
2. Умножаю многозначное число на число, не обращая внимания на нули.
3. К полученному результату приписываю нули.
4. Читаю ответ.

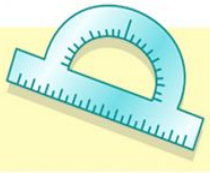


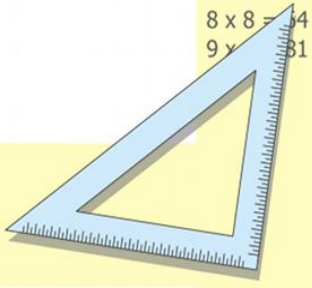


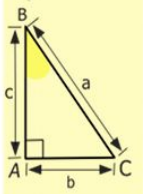


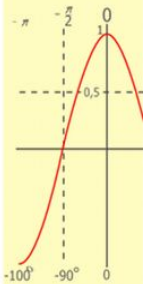


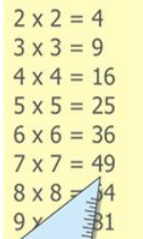




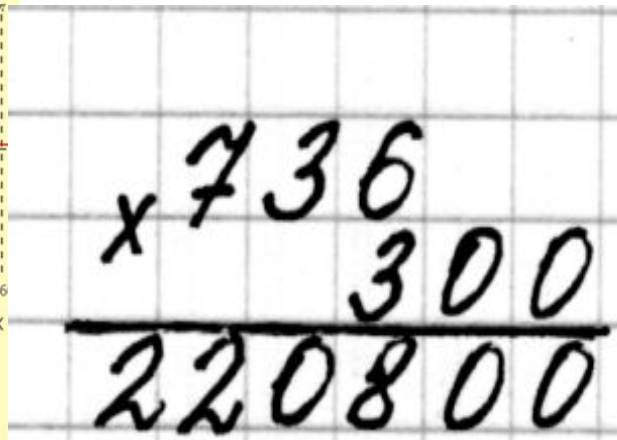




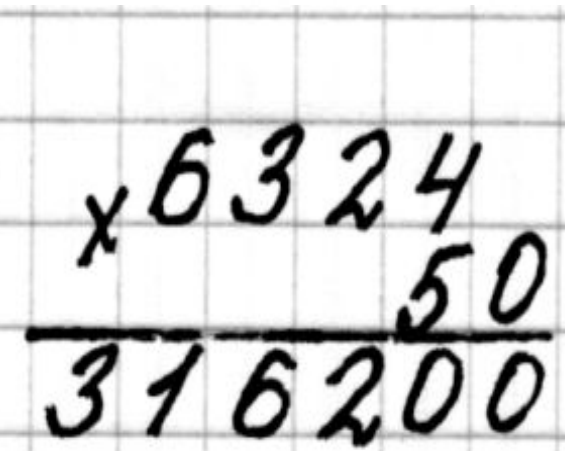




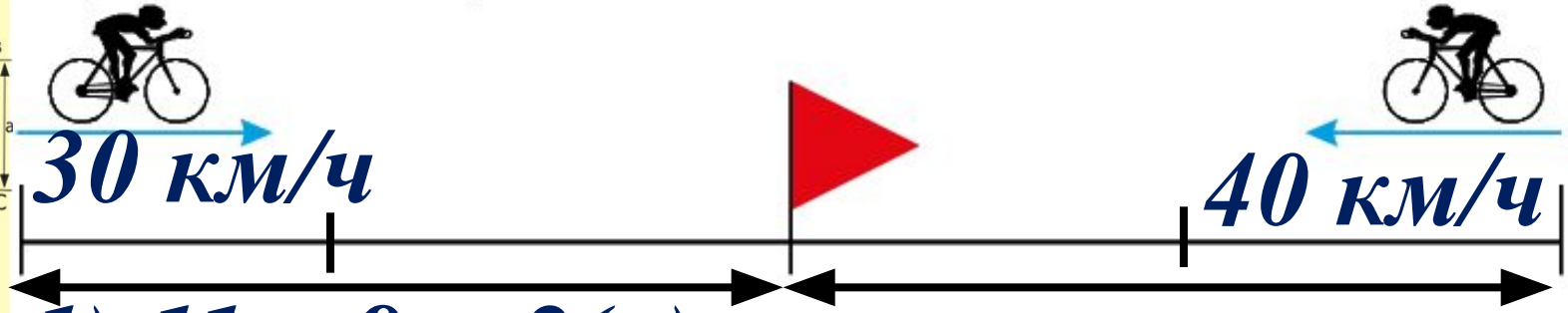
736·300



6 324· 50



Работа с учебником
с. 14 № 51

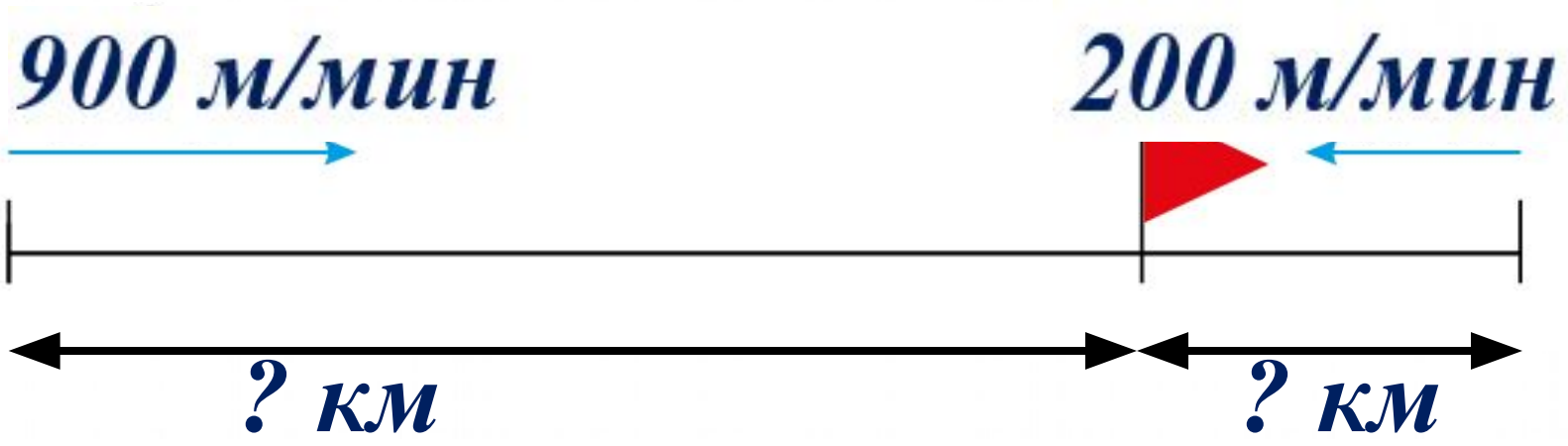


1) 11 – 9 = 2(ч) – время движения.

2) 30 · 2 = 60 (км) – проехал 1-ый велосипедист.

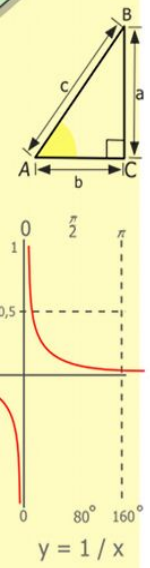
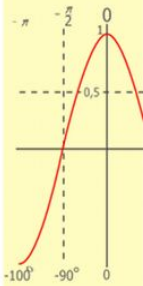
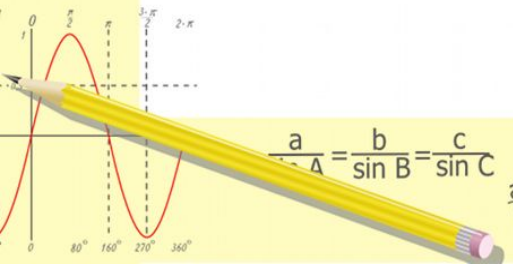
3) 40 · 2 = 80 (км) – проехал 2-ой велосипедист.

Работа с учебником
с. 14 № 51



с. 13 № 40, № 44

(решить самостоятельно)

Домашнее задание

с. 14 № 49,с. 13 № 46