

Математика

Приёмы устных вычислений вида $470 + 80, 560 - 90$ (Урок 109, 3 класс)

Подготовила: Хмилевская Юлия Геннадьевна,
учитель начальных классов ГБОУ НАО

«Средняя школа № 4 г.Нарьян-Мара с углубленным
изучением отдельных предметов»

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

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

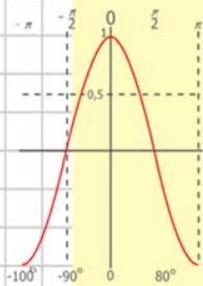
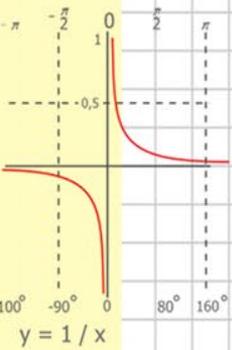
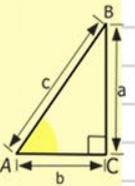
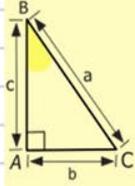
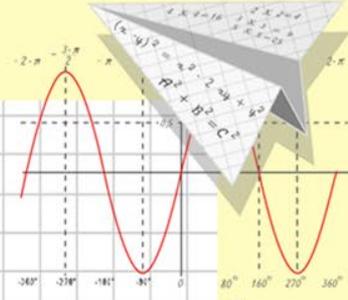
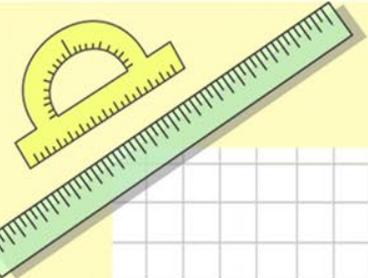
$$\sin 90^\circ = 1$$

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

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

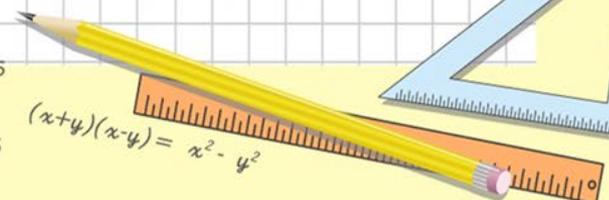
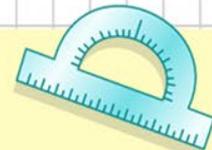
$$x = 70$$

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



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

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



Устный счет

1. В каком числе 3 сотни?

130 123 321 36

2. В каком числе 4 десятка?

534 247 456 804

3. Какой разряд отсутствует в числе 809?

никакой единицы десятки сотни

4. Чему равны 10 десятков?

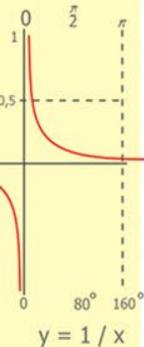
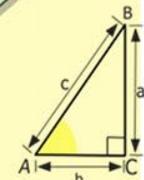
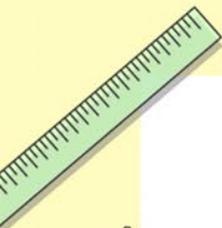
10 100 110 1000

5. В каком числе 3 десятка?

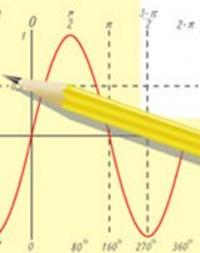
703 634 345 673

6. Отметь число, в котором 6 сотен, 5 десятков, 4 единицы.

456 465 654 645



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



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

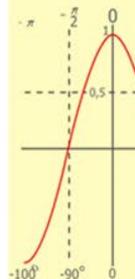
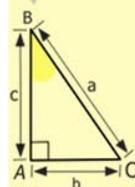
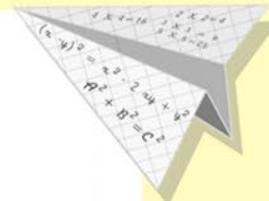


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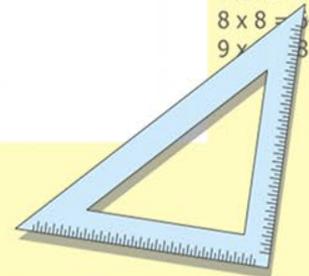
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$$y = \cos$$

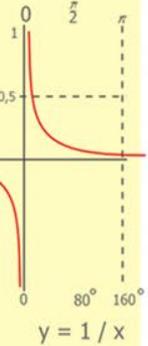
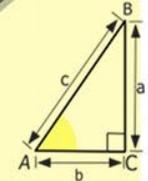
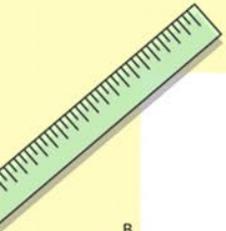
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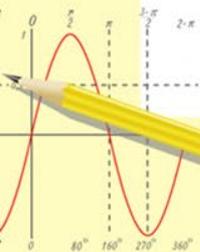
Математический диктант

1. Запиши число, которое следует за числом 289
2. Запиши соседей числа 249
3. Запиши число, содержащее 8 сотен и 1 единицу
4. Запиши число, содержащее 5 сотен и 8 десятков
5. Запиши самое маленькое четырёхзначное число
6. Запиши число, которое следует при счете за числом 599
7. Запиши число, которое состоит из 35 десятков и 7 единиц
8. Найти сумму чисел 500 и 200
9. Разность чисел 750 и 450 увеличить в 3 раза
10. Запиши самое большое трёхзначное число

290, 248, 250, 801, 580, 1000, 600, 357, 700, 900, 999



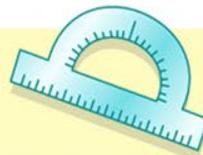
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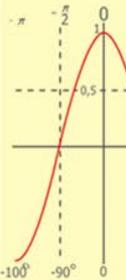
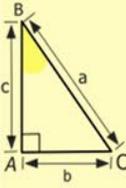
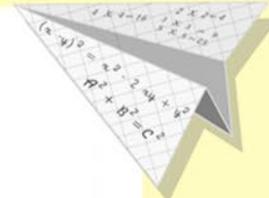


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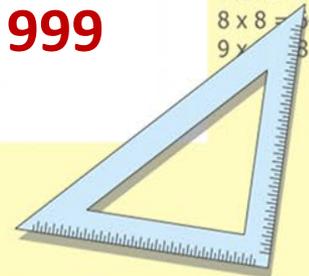
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Работаем с величинами

1. Сравнить.

$$5 \text{ м } 4 \text{ дм} > 45 \text{ дм}$$

$$8 \text{ дм } 7 \text{ см} < 8 \text{ м}$$

$$16 \text{ м } 7 \text{ см} > 17 \text{ см}$$

$$2 \text{ сут.} > 2 \text{ нед.}$$

$$45 \text{ мм} < 4 \text{ м}$$

$$48 \text{ ч} < 3 \text{ сут.}$$

2. Перевести.

$$1 \text{ век} = 100 \text{ лет}$$

$$1 \text{ год} = 12 \text{ месяцев}$$

$$1 \text{ неделя} = 7 \text{ дней}$$

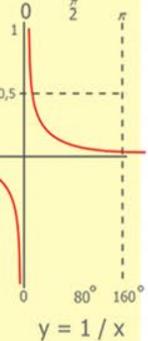
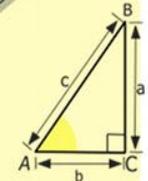
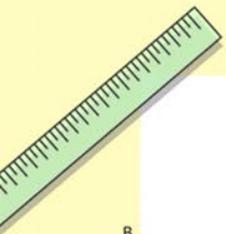
$$1 \text{ сут.} = 24 \text{ часа}$$

$$1 \text{ кг} = 1000 \text{ г}$$

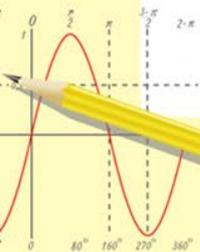
$$815 \text{ см} = 8 \text{ м } 15 \text{ см}$$

$$500 \text{ см} = 50 \text{ дм}$$

$$1 \text{ дм} = 100 \text{ мм}$$



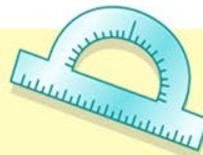
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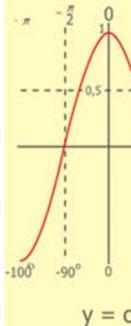
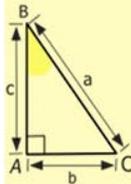
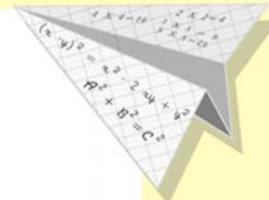


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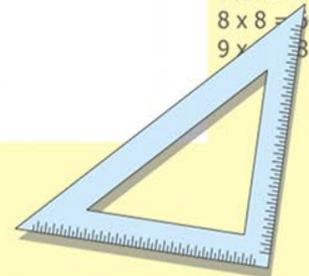
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Приемы устных вычислений

$$68 + 6 = (68 + 2) + 4 = 74$$

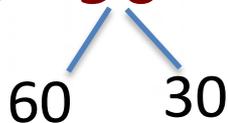


$$680 + 60 = (680 + 20) + 40 = 740$$

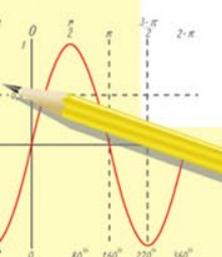
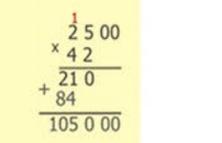
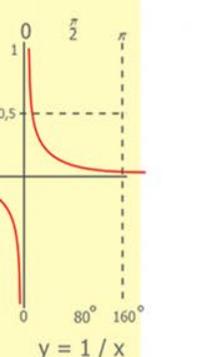
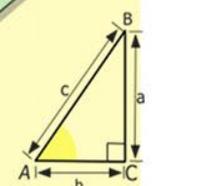
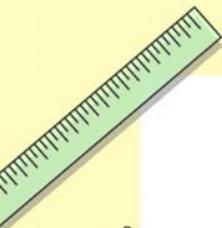


$$680 + 60 = 68 \text{ дес.} + 6 \text{ дес.} = 74 \text{ дес.} = 740$$

$$560 - 90 = (560 - 60) - 30 = 470$$



$$560 - 90 = 56 \text{ дес.} - 9 \text{ дес.} = 47 \text{ дес.} = 470$$



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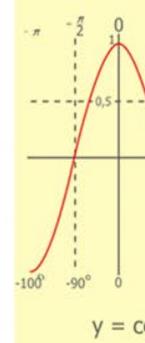
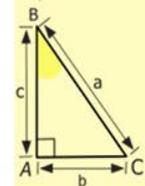
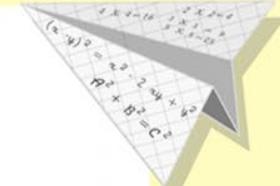
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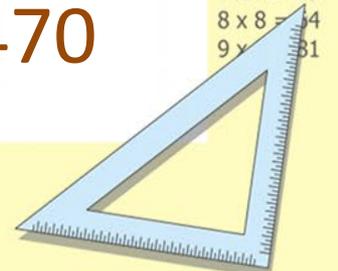
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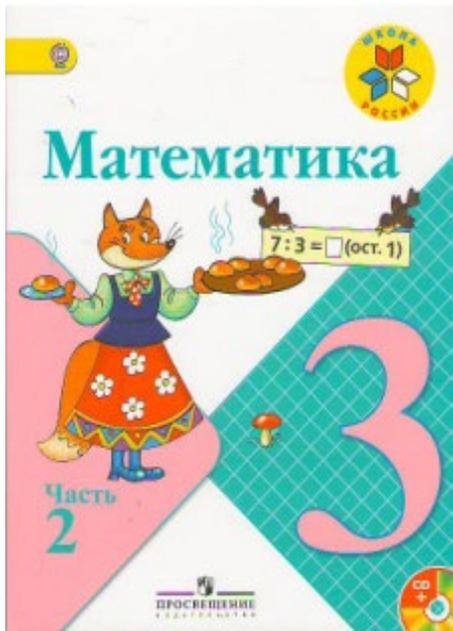


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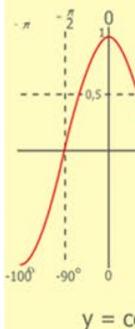
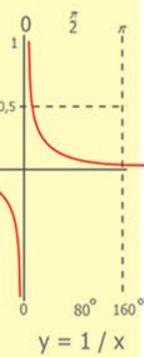
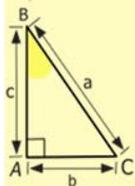
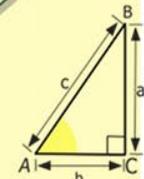
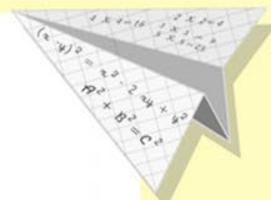
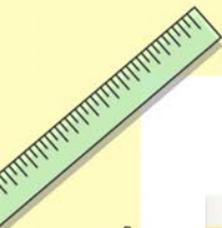


Закрепляем

Учебник - Стр. 68, № 1, 5

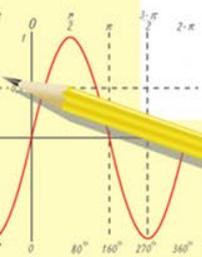


Печатная тетрадь - Стр. 41, № 14



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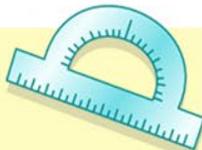
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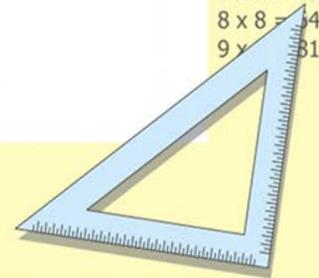
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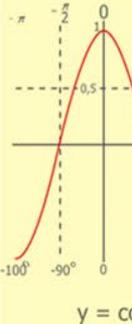
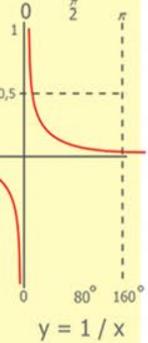
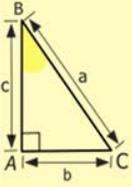
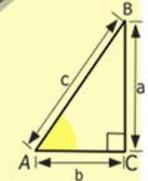
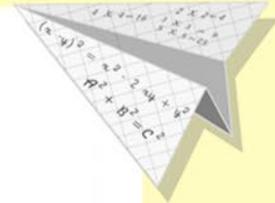
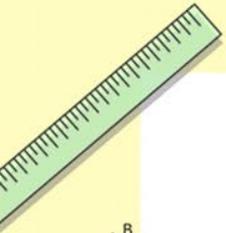
Я научился (ась)....

Я узнал (а)....

У меня вызвало затруднение....

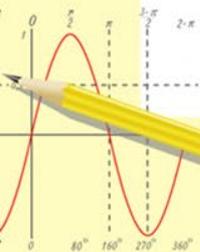
Мне было легко

Мне необходимо повторить....



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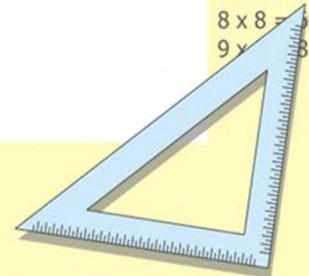
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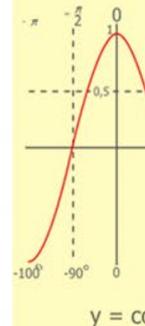
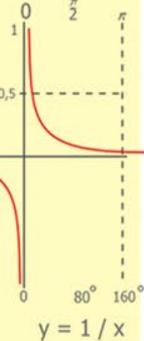
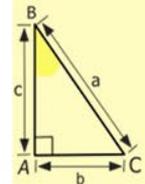
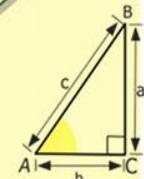
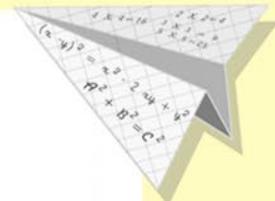
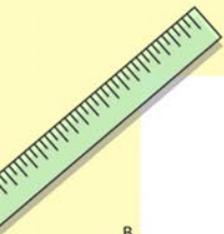
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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

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

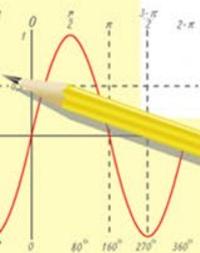


Спасибо за урок!



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

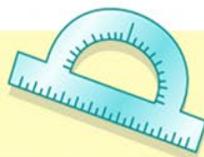
- 2 x 2 = 4
- 3 x 3 = 9
- 4 x 4 = 16
- 5 x 5 = 25
- 6 x 6 = 36
- 7 x 7 = 49
- 8 x 8 = 64
- 9 x 9 = 81



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

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

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



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

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

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

