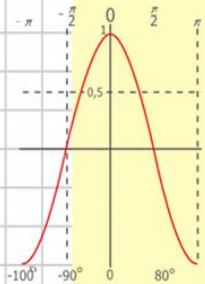
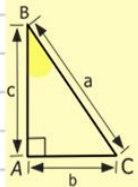
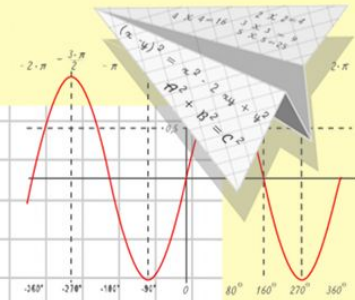


Математик

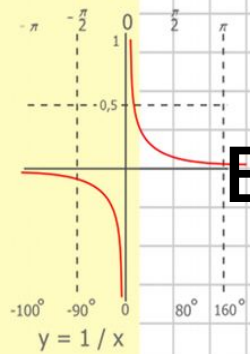
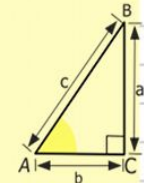
а

Математика 2 класс «Письменные приёмы вычитания с переходом через разряд».



$y = \cos x$

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



$y = 1/x$

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



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

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



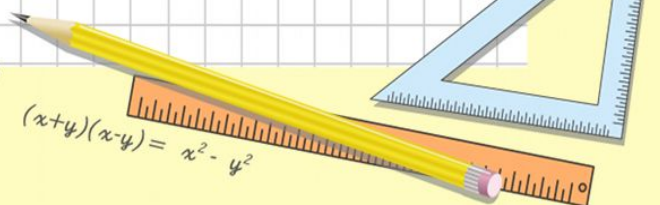
$$\sin 90^\circ = 1$$



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

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

$$x = 70$$

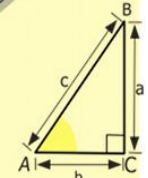
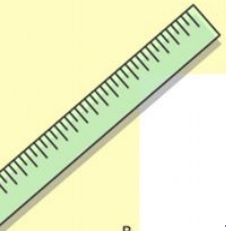


$$(x+y)(x-y) = x^2 - y^2$$

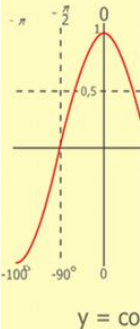
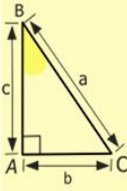
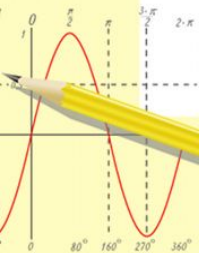
Незнайка решил примеры.

Найдите ошибки.

$$\begin{array}{r}
 36 \\
 - 14 \\
 \hline
 23
 \end{array}
 +
 \begin{array}{r}
 67 \\
 + 22 \\
 \hline
 89
 \end{array}
 +
 \begin{array}{r}
 70 \\
 + 20 \\
 \hline
 50
 \end{array}
 -
 \begin{array}{r}
 45 \\
 - 35 \\
 \hline
 10
 \end{array}
 -
 \begin{array}{r}
 78 \\
 - 46 \\
 \hline
 22
 \end{array}
 +
 \begin{array}{r}
 56 \\
 + 38 \\
 \hline
 84
 \end{array}$$



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



$$\begin{array}{l}
 2 \times 2 = 4 \\
 3 \times 3 = 9 \\
 4 \times 4 = 16 \\
 5 \times 5 = 25 \\
 6 \times 6 = 36 \\
 7 \times 7 = 49 \\
 8 \times 8 = 64 \\
 9 \times 9 = 81
 \end{array}$$

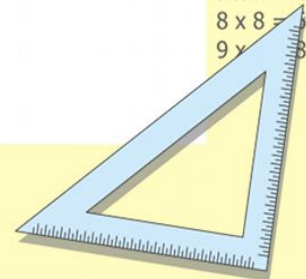
$$\sin 90^\circ = 1$$



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

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

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



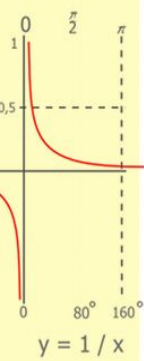
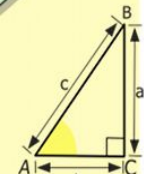
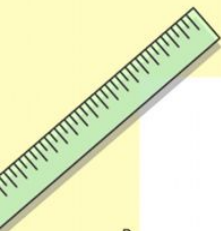
Выберите, запишите и найдите значения выражений к своей схеме

34-21 45+54 46+38 67-34 58+31

37+45 68-40 38+42 76+23

• 1 ряд 2 ряд 3 ряд

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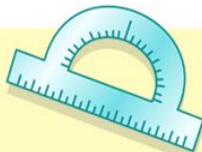
$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$$



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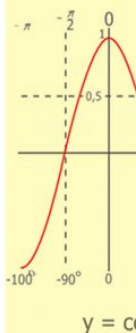
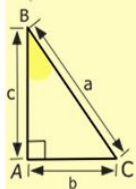
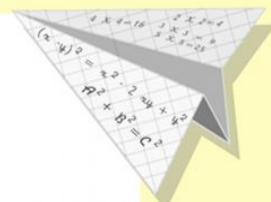
$$\sin 90^\circ = 1$$



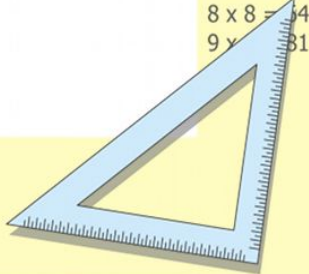
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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

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



$$\begin{array}{l} 2 \times 2 = 4 \\ 3 \times 3 = 9 \\ 4 \times 4 = 16 \\ 5 \times 5 = 25 \\ 6 \times 6 = 36 \\ 7 \times 7 = 49 \\ 8 \times 8 = 64 \\ 9 \times 9 = 81 \end{array}$$



Проверьте себя.

87

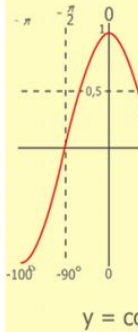
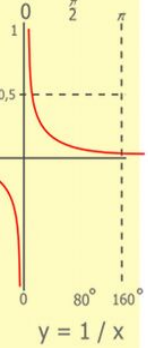
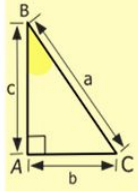
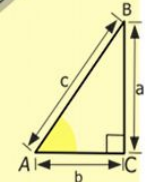
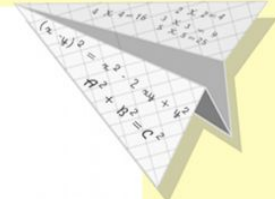
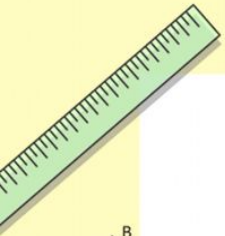
59

28

ДЕ

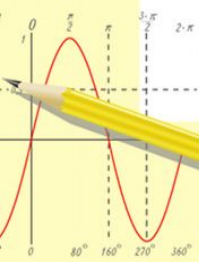
ДЕ

ДЕ



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

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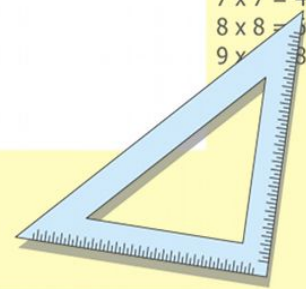
$$\sin 90^\circ = 1$$



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

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

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



Алгоритм

1. Пишу десятки под десятками, единицы под единицами.

2. Вычитаю единицы: из 7 нельзя вычесть 9. Беру десяток из 8 десятков.

- ставлю точку над цифрой 8 (чтобы не забыть, что стало на 1 меньше);

- 1 десяток и 7 единиц – это 17, из 17 вычесть 9 получится 8;

- пишу под единицами 8.

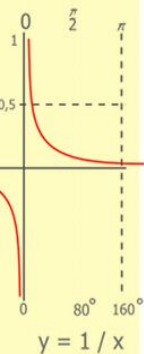
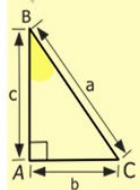
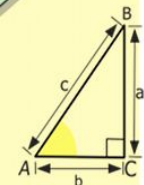
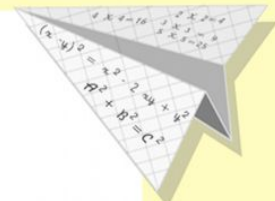
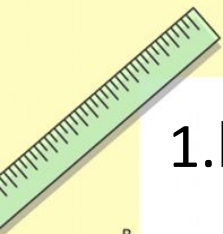
3. Вычитаю десятки:

- было 8 десятков, 1 взяли – осталось 7;

- из 7 вычесть 5 получится 2 десятка;

- пишу под десятками 2.

4. Читаю ответ: 28.



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

$$\begin{array}{l} 2 \times 2 = 4 \\ 3 \times 3 = 9 \\ 4 \times 4 = 16 \\ 5 \times 5 = 25 \\ 6 \times 6 = 36 \\ 7 \times 7 = 49 \\ 8 \times 8 = 64 \\ 9 \times 9 = 81 \end{array}$$



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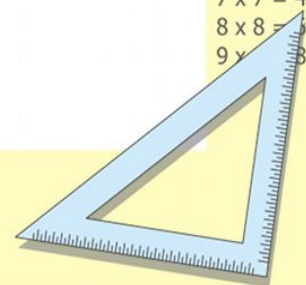


$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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

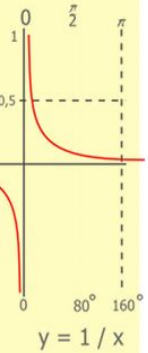
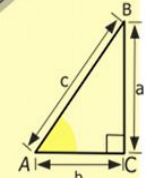
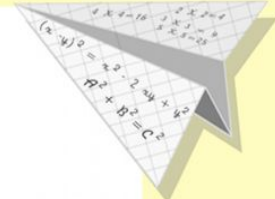
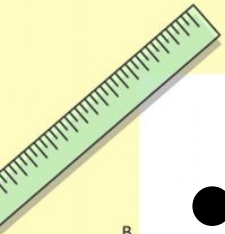
$$x = 70$$

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



Продолжите фразы:

- На уроке у меня хорошо получалось...
- Мне надо поработать над...»



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

$$\begin{array}{l} 2 \times 2 = 4 \\ 3 \times 3 = 9 \\ 4 \times 4 = 16 \\ 5 \times 5 = 25 \\ 6 \times 6 = 36 \\ 7 \times 7 = 49 \\ 8 \times 8 = 64 \\ 9 \times 9 = 81 \end{array}$$



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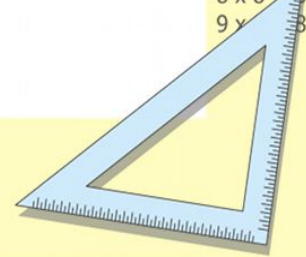
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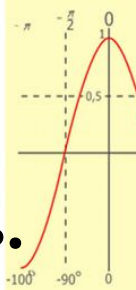
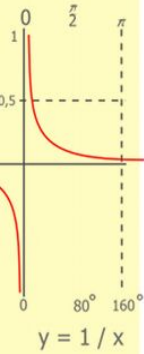
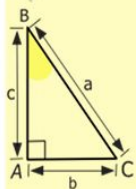
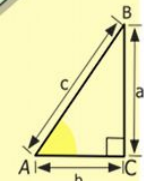
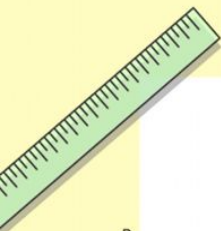
$$(x+y)(x-y) = x^2 - y^2$$



Я работал активно, у меня всё
— получилось, урок прошёл удачно.

Сегодня на уроке не все задания
— были такими уж лёгкими, но я
справился . У меня все получилось.

Задания на уроке были очень
— трудными, я не справился. Мне
нужна помощь.



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

- 2 x 2 = 4
- 3 x 3 = 9
- 4 x 4 = 16
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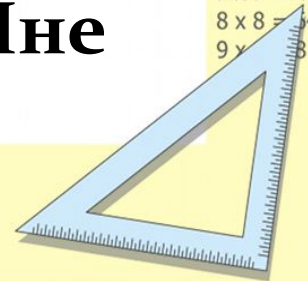
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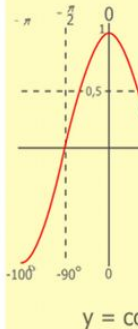
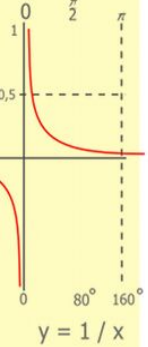
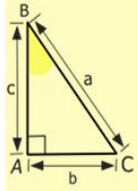
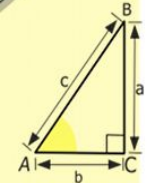
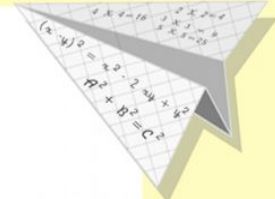
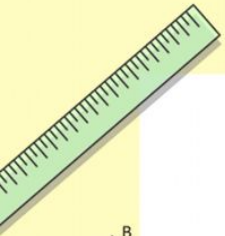
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Спасибо за работу!



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