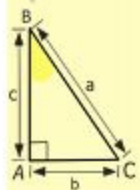
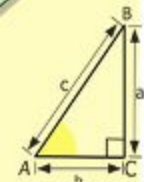
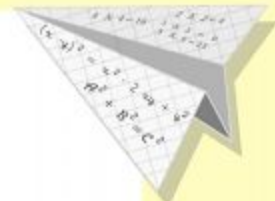


5см, 8дм³, 10м,

7л, 9м², 25км,

63дм², 15мм, 48м³



$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 2100 \\ + 8400 \\ \hline 105000 \end{array}$$

- 2 x 2 = 4
- 3 x 3 = 9
- 4 x 4 = 16
- 5 x 5 = 25
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- 8 x 8 = 64
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$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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

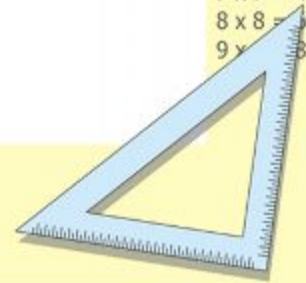
$$\sin 90^\circ = 1$$



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

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

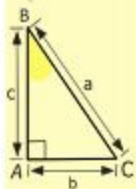
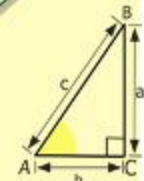
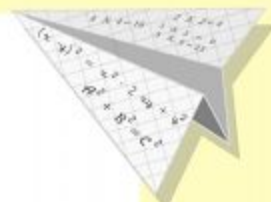
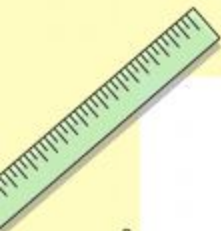
$$(x+y)(x-y) = x^2 - y^2$$



ТЕМА УРОКА:
Кубические
единицы:

мм³, см³, дм³, м³;

соотношения между
ними.



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

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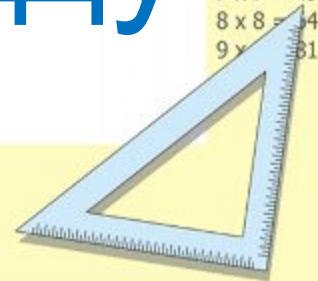
$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

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

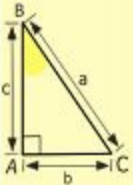
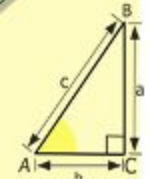
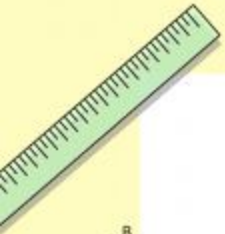
$\sin 90^\circ = 1$

$$\begin{cases} \sin 90^\circ = 25y + 45 \\ y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



Что узнать? Чему научиться?



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

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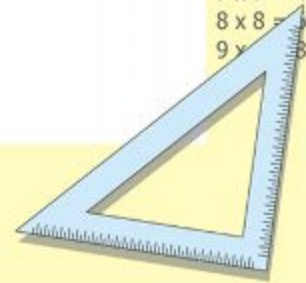
$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

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



$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \\ y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

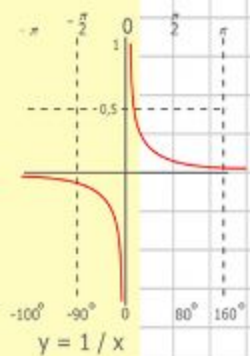
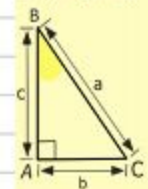
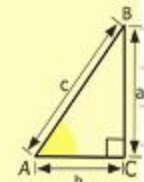
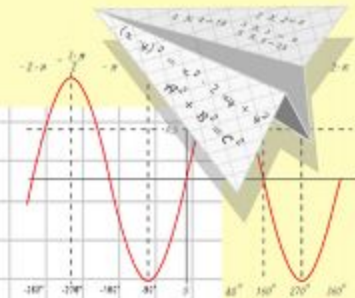
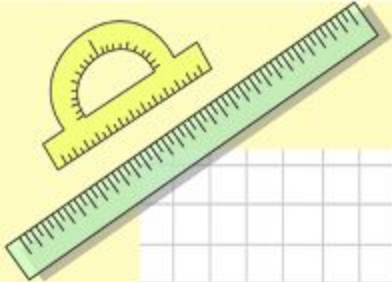
$$(x+y)(x-y) = x^2 - y^2$$



Математик

а

УСТНЫЙ СЧЕТ



$$\begin{array}{r} \frac{1}{2} 500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$$

$y = \cos x$

- $2 \times 2 = 4$
- $3 \times 3 = 9$
- $4 \times 4 = 16$
- $5 \times 5 = 25$
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- $8 \times 8 = 64$



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

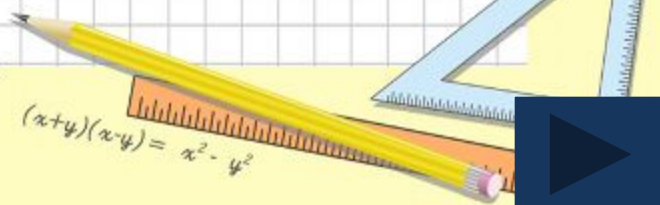
$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$



$\sin 90^\circ = 1$



$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \\ y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$



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



Прочитайте числа:

• 123 12

• 43 211

• 334 563 456

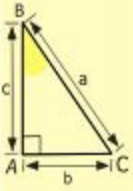
• 75 342 345

• 10 012

• 10 101 010

• 225 500 002

• 10 000 001



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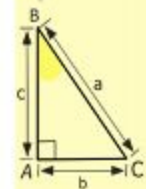
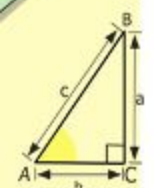
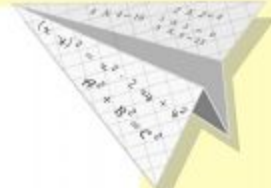
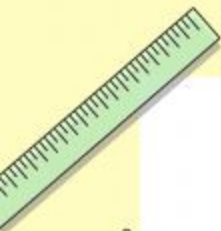
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$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



Решите круговые примеры



$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 2100 \\ + 8400 \\ \hline 105000 \end{array}$$

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

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$\sin 90^\circ = 1$



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

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

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



Выразите в сантиметрах:

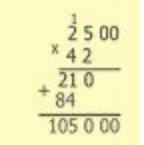
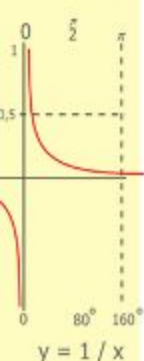
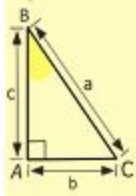
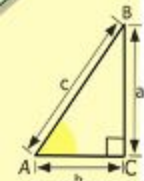
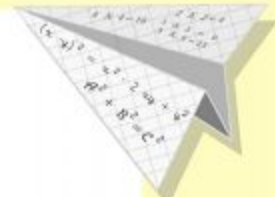
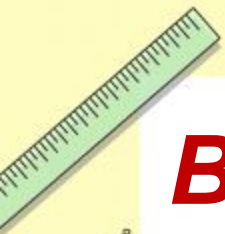
$$2 \text{ м } 50 \text{ см} = 250 \text{ см}; \quad 2 \text{ м } 5 \text{ см} = 205 \text{ см};$$

$$4 \text{ дм } 8 \text{ см} = 48 \text{ см}; \quad 460 \text{ мм} = 46 \text{ см};$$

Выразите в метрах:

$$1 \text{ км } 600 \text{ м} = 1600 \text{ м}; \quad 4 \text{ км } 30 \text{ м} = 4030 \text{ м};$$

$$7 \text{ км } 5 \text{ м} = 7005 \text{ м}; \quad 3850 \text{ дм} = 385 \text{ м};$$



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$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$
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$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ x = 70 \end{cases}$$

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



Заполните

таблицу:

Множитель	11	23		33	6
Множитель	8		4	2	3
Произведение	96	54	55	18	138



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

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

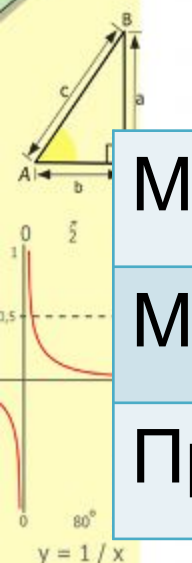
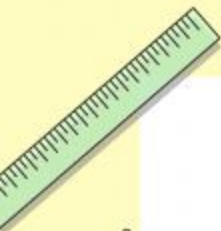
$$\sin 90^\circ = 1$$



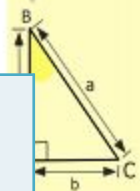
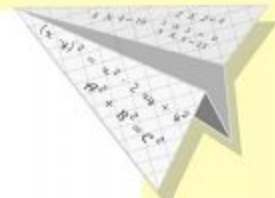
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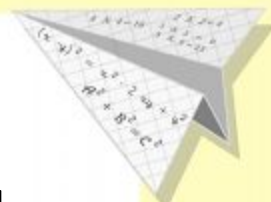
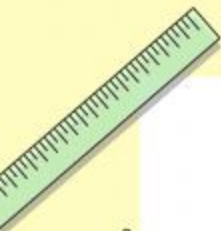


$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 2100 \\ + 840 \\ \hline 105000 \end{array}$$



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ВЫЧИСЛИТЬ ПЛОЩАДЬ прямоугольника



4 CM

$S = 60 \text{ cm}^2$

15 CM

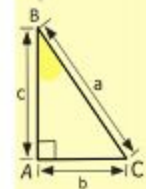
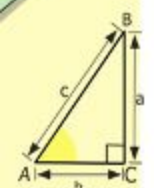
11 CM

$S = 22 \text{ cm}^2$

2 ДМ

$S = 180 \text{ cm}^2$

9 CM



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

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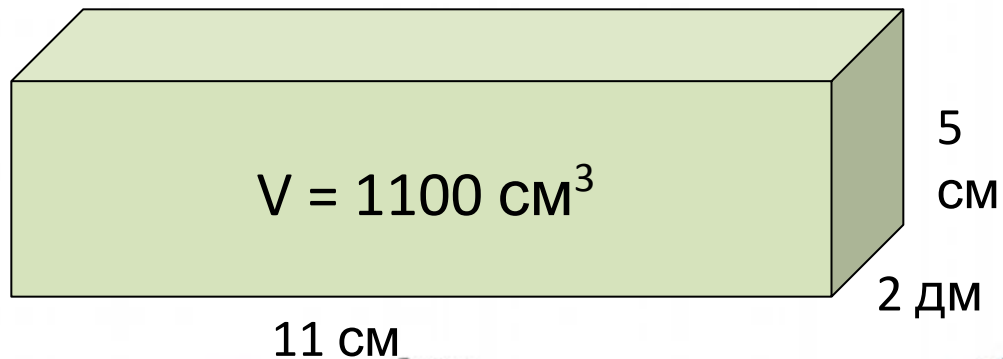
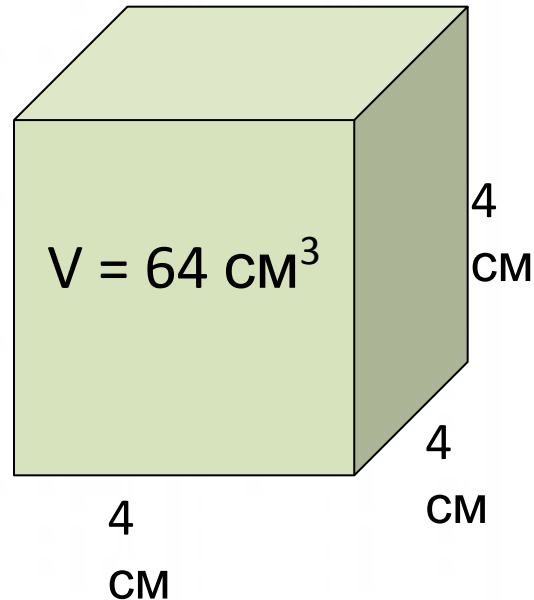
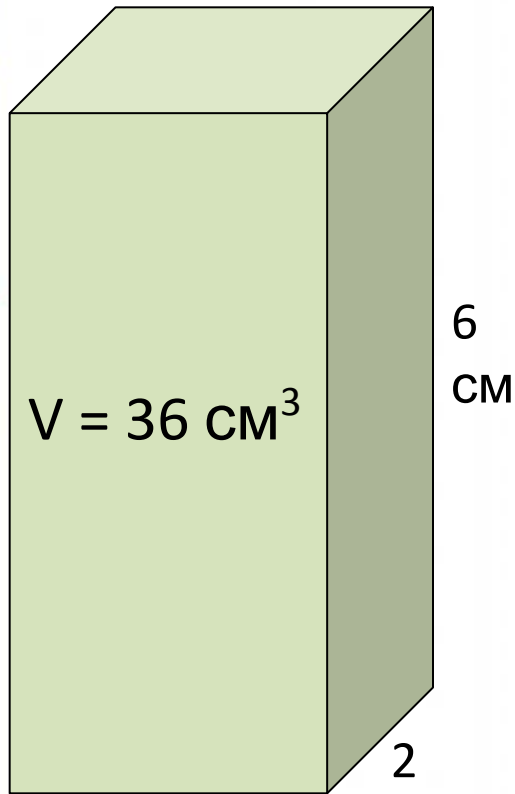
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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

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



Найдите объем фигур:



Decorative background elements include:

- A green ruler at the top left.
- A paper airplane at the top right.
- A right-angled triangle with sides a, b, c and angles A, B, C .
- A graph of the function $y = 1/x$ with points 80° and 160° .
- A multiplication table:

	2	3	4	5	6	7	8	9
2	4	6	8	10	12	14	16	18
3	6	9	12	15	18	21	24	27
4	8	12	16	20	24	28	32	36
5	10	15	20	25	30	35	40	45
6	12	18	24	30	36	42	48	54
7	14	21	28	35	42	49	56	63
8	16	24	32	40	48	56	64	72
9	18	27	36	45	54	63	72	81
- A graph of a sine wave with points $0, 90^\circ, 180^\circ, 270^\circ, 360^\circ$.
- A yellow pencil at the bottom left.
- A blue protractor at the bottom center.
- A blue ruler at the bottom right.
- Mathematical formulas: $\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$, $\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$, $\sin 90^\circ = 1$, $\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$, $\begin{cases} y = 1 \\ x = 25 + 45 \end{cases}$, $x = 70$, and $(x+y)(x-y) = x^2 - y^2$.

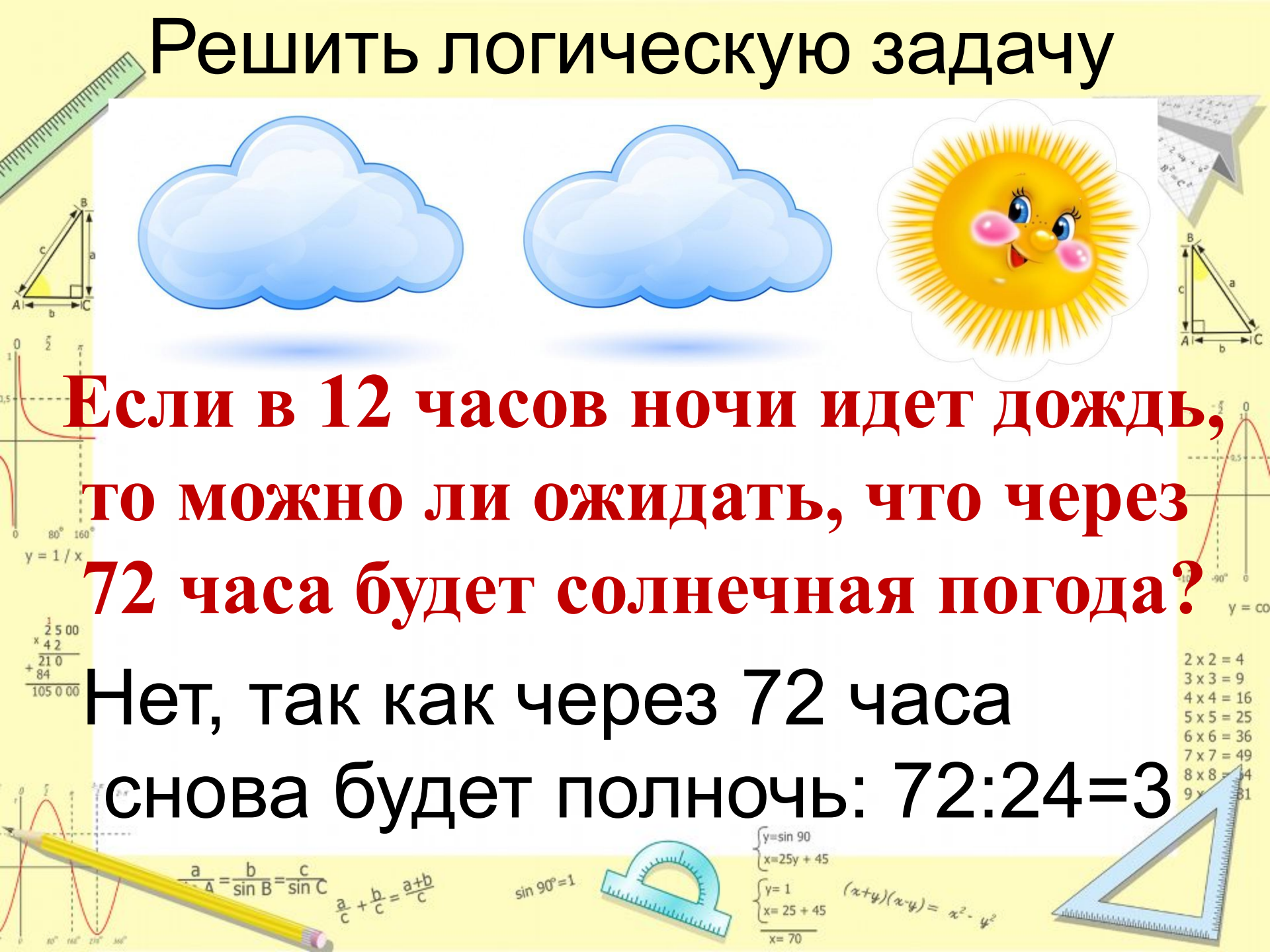


Решить логическую задачу

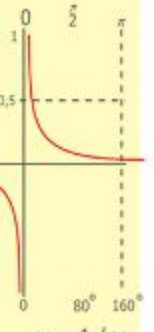
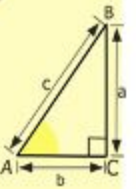



Если в 12 часов ночи идет дождь, то можно ли ожидать, что через 72 часа будет солнечная погода?

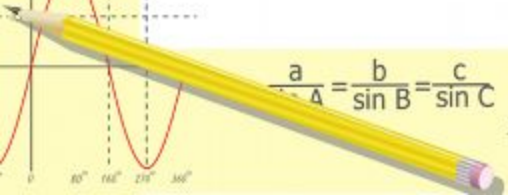
Нет, так как через 72 часа снова будет полночь: $72:24=3$




$$1 \text{ CM}^3 = \dots \text{ MM}^3$$


$$1 \text{ ДМ}^3 = \dots \text{ CM}^3$$


$$1 \text{ M}^3 = \dots \text{ ДМ}^3$$


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

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

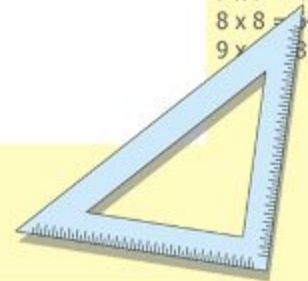
$$\sin 90^\circ = 1$$



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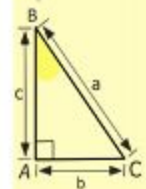
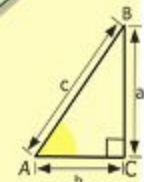
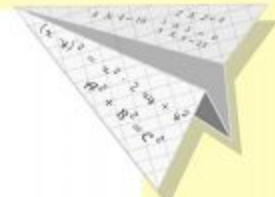
$$(x+y)(x-y) = x^2 - y^2$$



МОЛОДЦЫ!!!



Спасибо!



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