

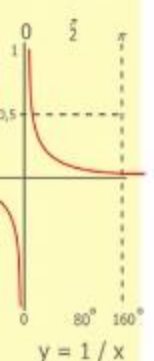
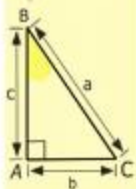
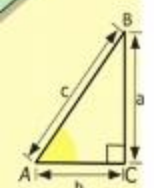
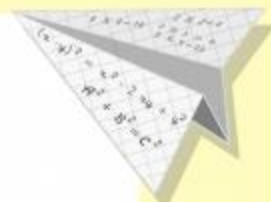


Здравствуйте, ребята!



Выберите правильное утверждение:

- Площадь-это внутренняя часть геометрической фигуры;
- Площадь- это сумма длин всех сторон;
- Площадь-это всё, что находится вокруг фигуры;



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

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



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

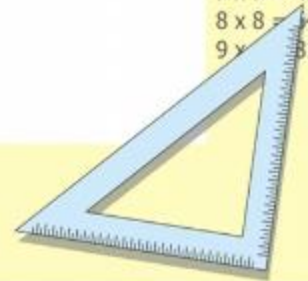
$$\sin 90^\circ = 1$$



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

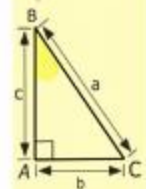
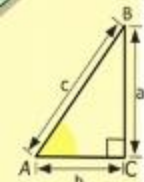
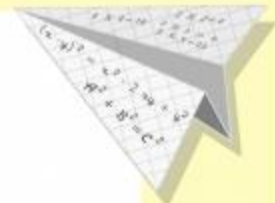
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

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



Разделите на группы:

мм **дм²** **км** **а** **м²**
га **дм** **см²** **мм²**
см **км²** **км**



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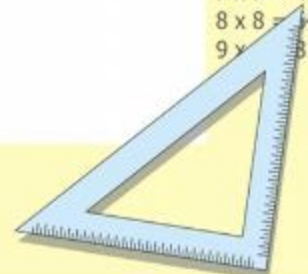


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$$\begin{cases} y = 1 \\ x = 25 + 45 \end{cases}$$

$$x = 70$$

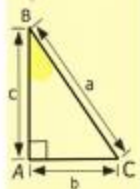
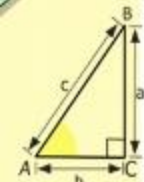
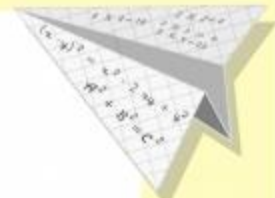
$$(x+y)(x-y) = x^2 - y^2$$



Площадь фигуры

Проверь
!

мм² см² дм² м² а га
км²



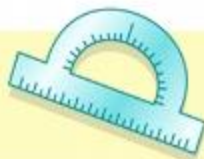
$$\begin{array}{r} \frac{1}{2} 500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$$

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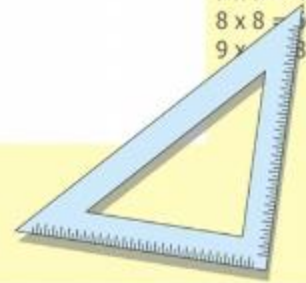
$$\sin 90^\circ = 1$$



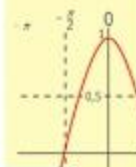
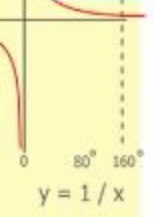
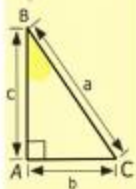
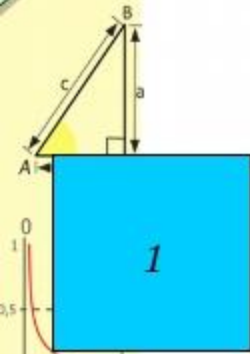
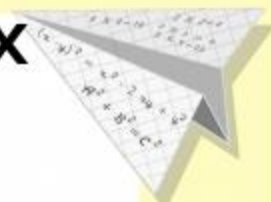
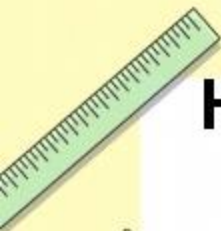
$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

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

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



Назовите те фигуры, площадь которых умеете находить.



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

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



11 numbered blue geometric shapes:

- 1: Square
- 2: Rhombus
- 3: Circle
- 4: Regular pentagon
- 5: Equilateral triangle
- 6: Trapezoid
- 7: Parallelogram
- 8: Regular octagon
- 9: Ellipse
- 10: Rhombus
- 11: Rectangle

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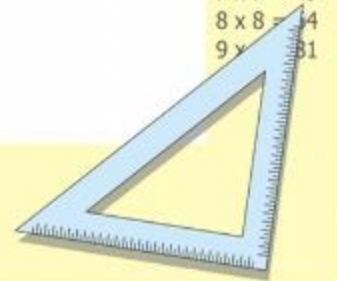
$$\sin 90^\circ = 1$$



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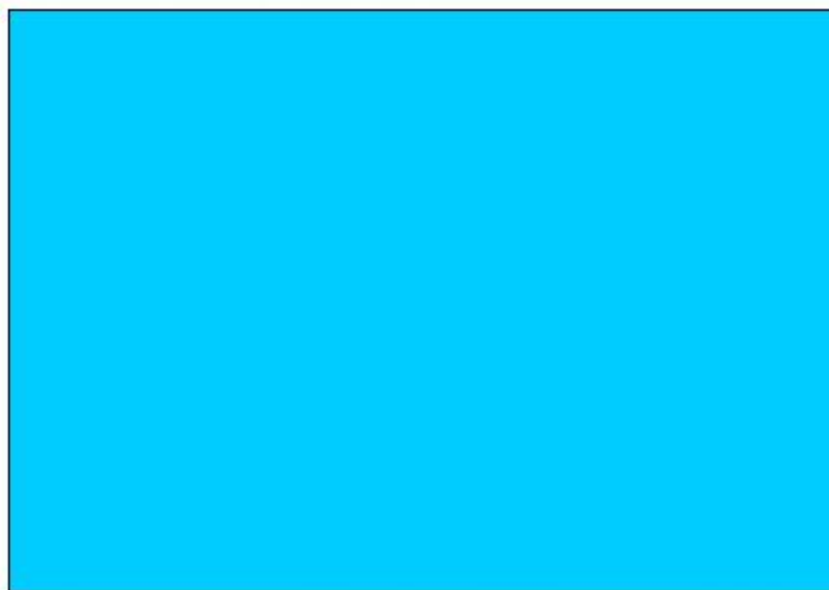
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ x = 70 \end{cases}$$

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

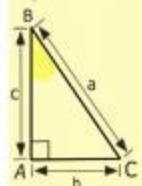
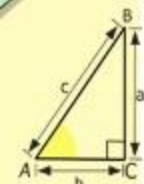
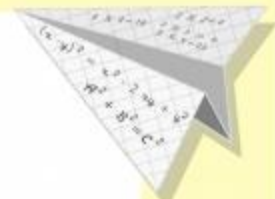
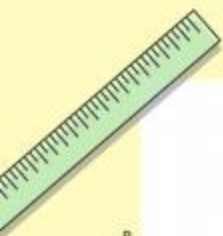


Найдите площадь

5 см



4 см



$$\begin{array}{r} \frac{1}{2} 5\ 00 \\ \times 42 \\ \hline 21\ 0 \\ + 84 \\ \hline 105\ 0\ 00 \end{array}$$

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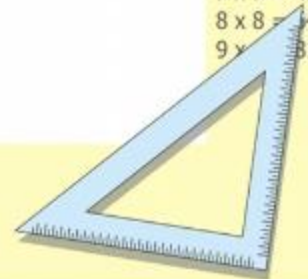


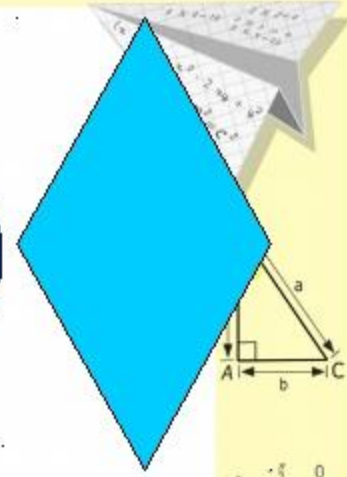
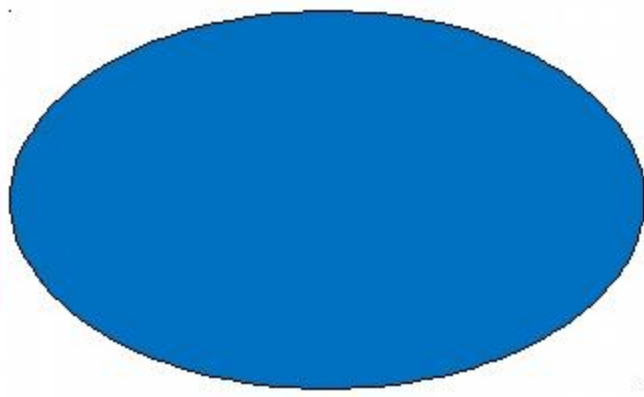
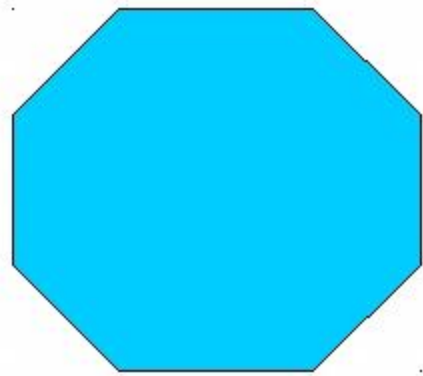
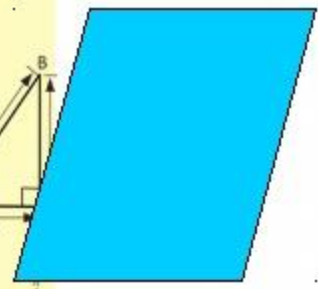
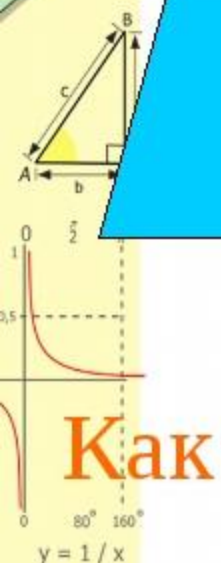
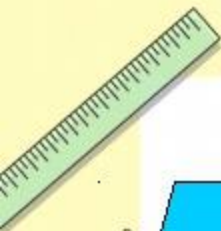
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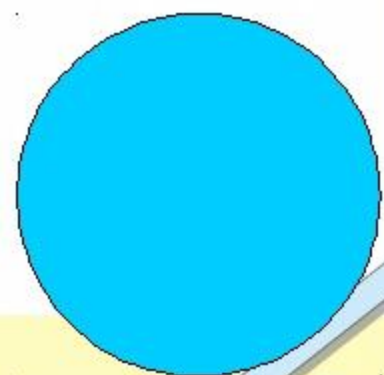
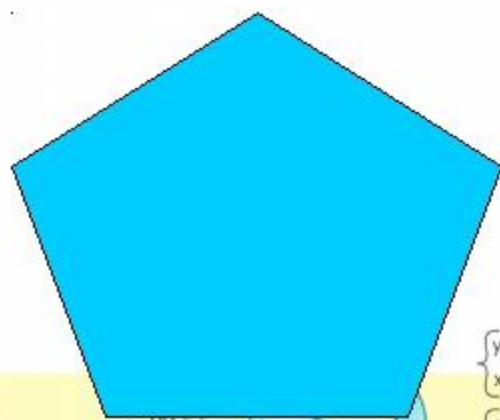
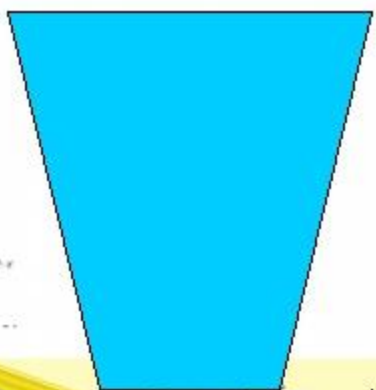
$$(x+y)(x-y) = x^2 - y^2$$





Как же находим площади остальных фигур?

$$\begin{array}{r} \frac{1}{2} 500 \\ \times 42 \\ \hline 2100 \\ + 8400 \\ \hline 105000 \end{array}$$



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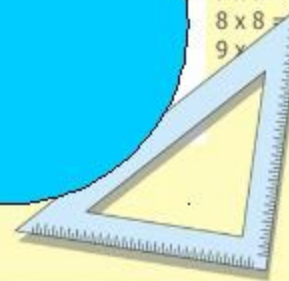
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Тема: «Измерение площади фигуры с помощью палетки»



Цели:

- узнать что такое «палетка»;
- составить алгоритм пользования палеткой и применять его;
- научиться пользоваться палеткой.



Алгоритм работы с палеткой:

1. Наложите палетку.
2. Посчитайте количество полных квадратов в фигуре.
3. Посчитайте количество неполных квадратов в фигуре и разделите на 2.
4. Сложите число полных квадратов и число неполных квадратов, делённое на 2.

