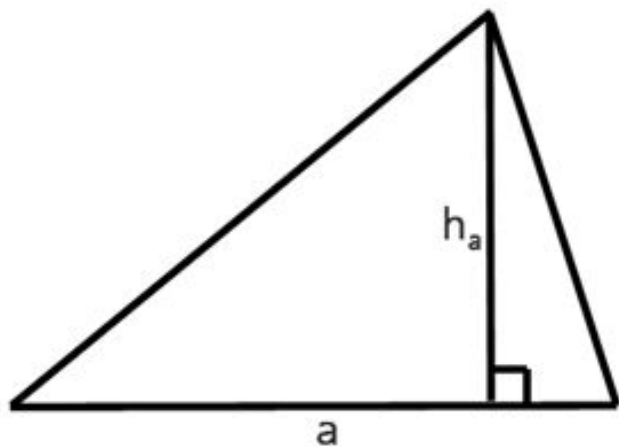


**Готовимся к
ЕГЭ**

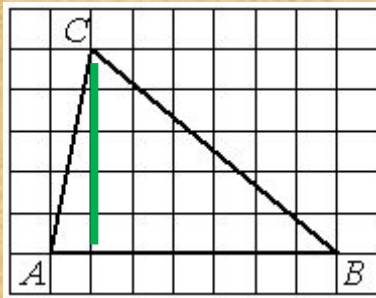
**Задачи на нахождение
площади треугольника на
листе в клетку и на
координатной плоскости
из открытого банка**

**Облогина Нина
Владимировна
МБОУ СОШ №28 Г.
Ставрополя**

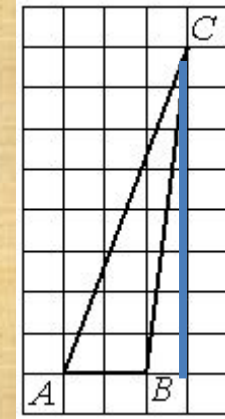
**Площадь треугольника
равна половине
произведения стороны
на высоту, проведенную
к этой стороне.**



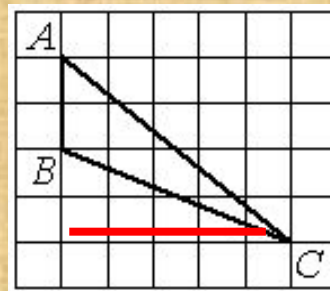
$$S = \frac{1}{2} \cdot a \cdot h_a$$



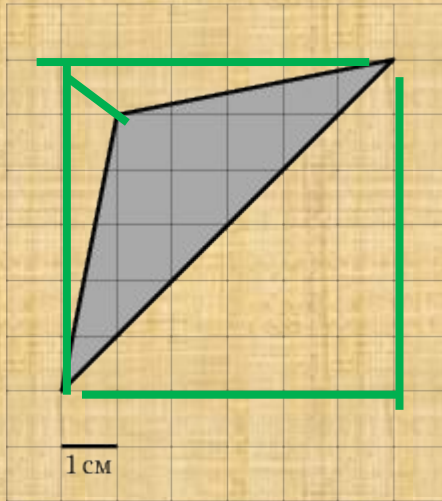
$$S = \frac{1}{2} \cdot 7 \cdot 5 = 12,5$$



$$S = \frac{1}{2} \cdot 8 \cdot 3 = 12$$



$$S = \frac{1}{2} \cdot 4 \cdot 5 = 10$$



$$S_{np}=6$$

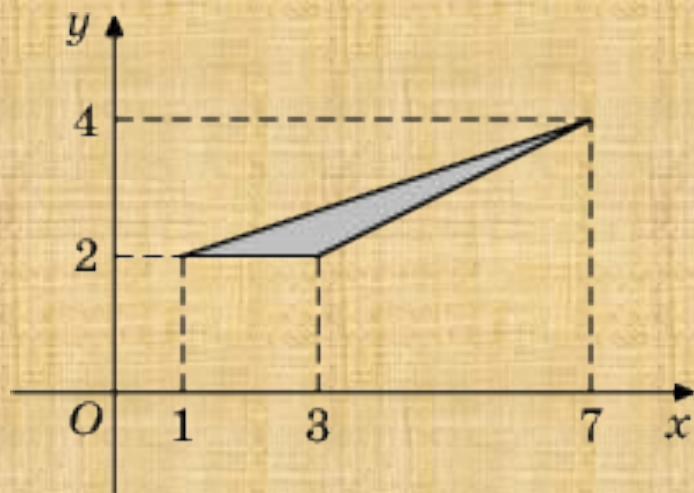
$$\cdot 6=36$$

$$S_1=1/2 \cdot 1 \cdot 6=3$$

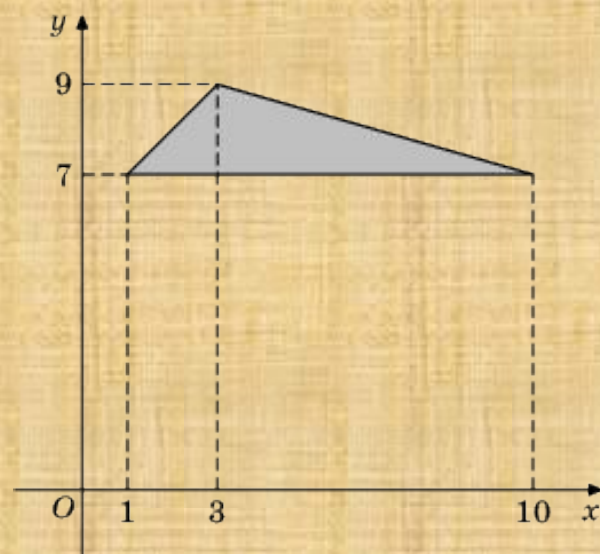
$$S_2=1/2 \cdot 1 \cdot 6=3$$

$$S_3=1/2 \cdot 6 \cdot 6=18$$

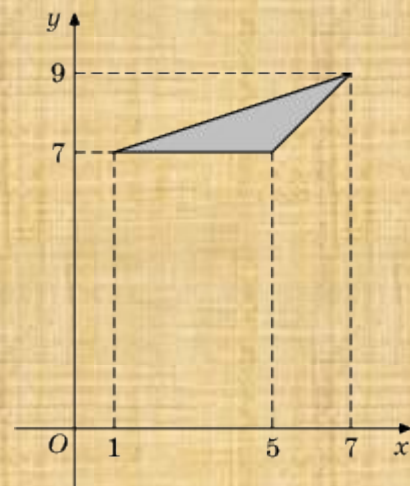
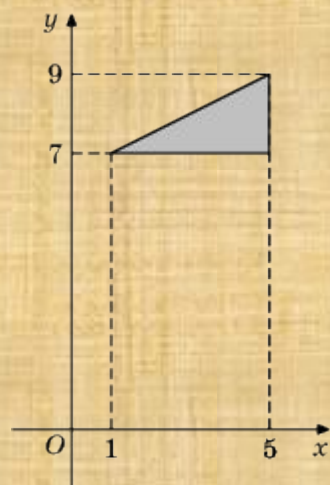
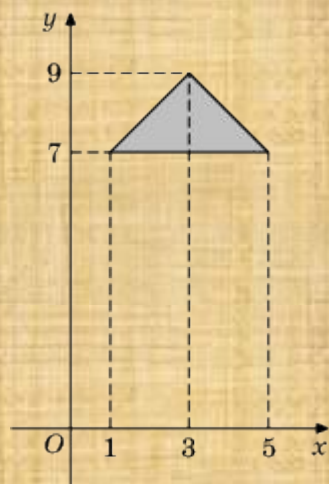
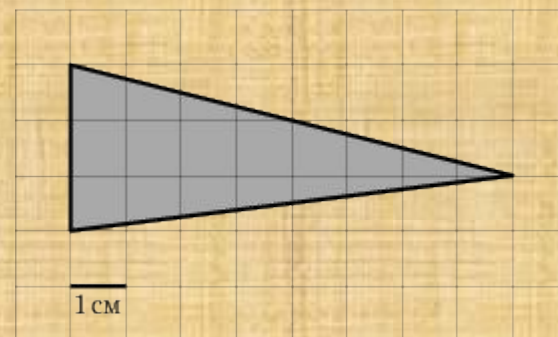
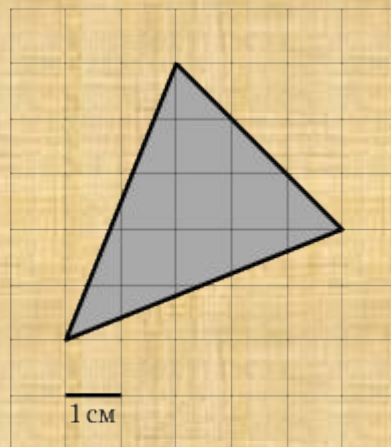
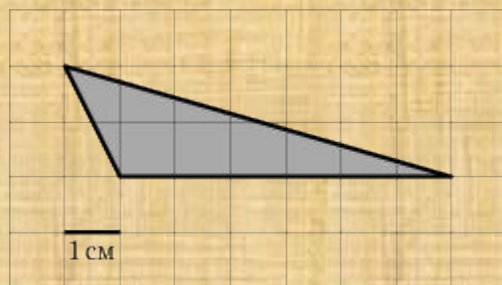
$$S=36-18-3-3=12$$

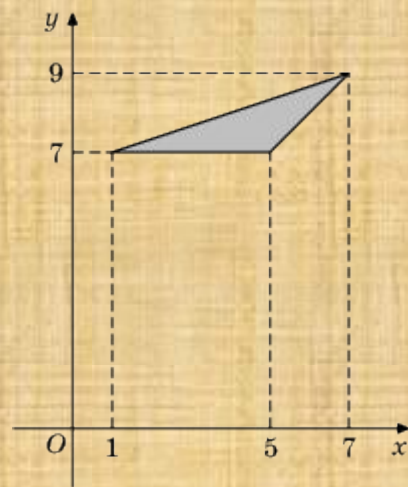
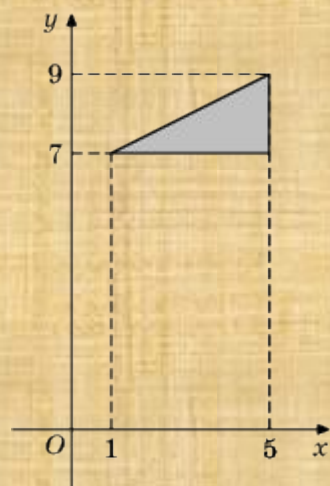
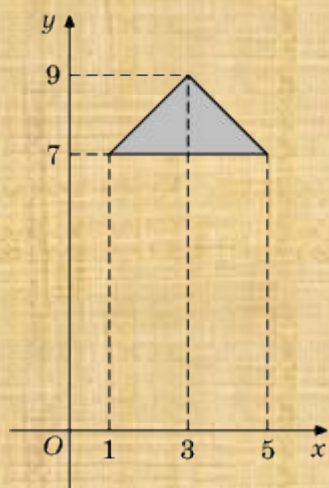
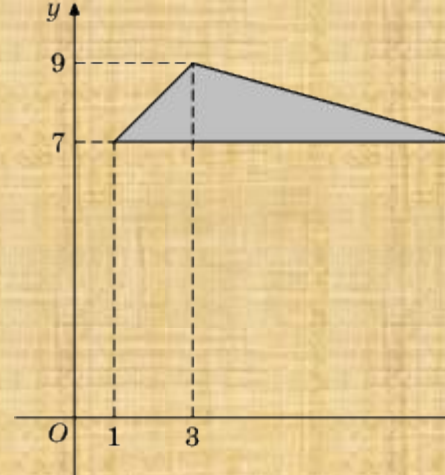
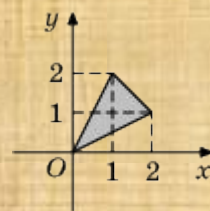
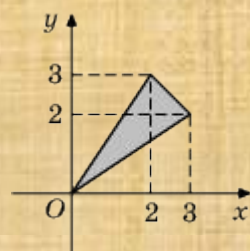
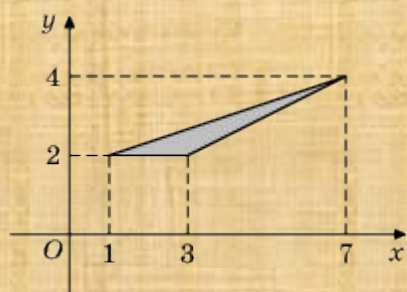


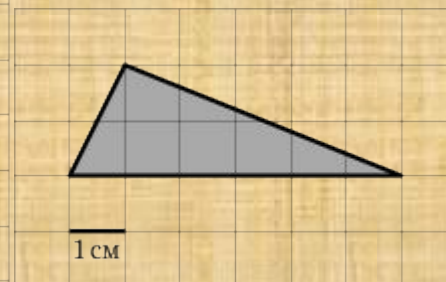
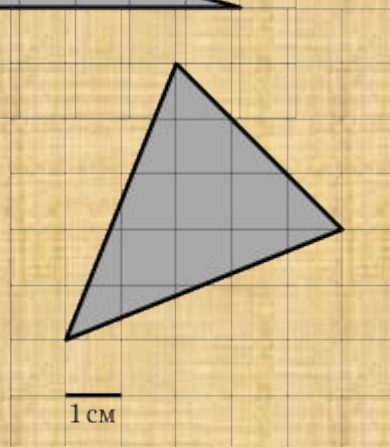
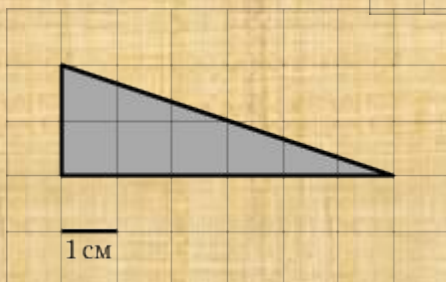
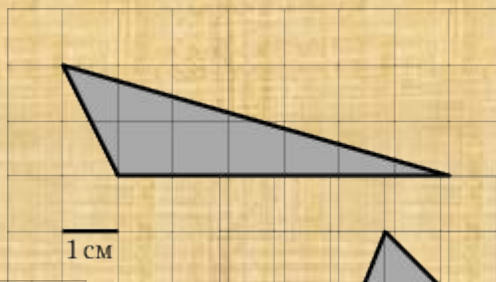
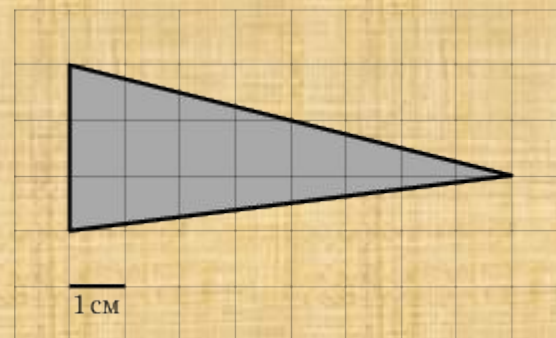
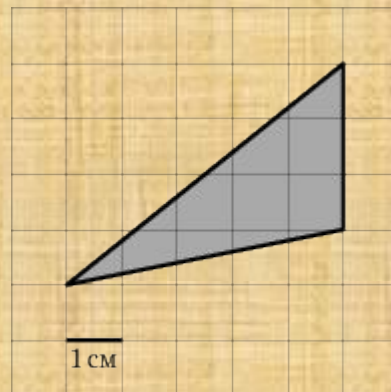
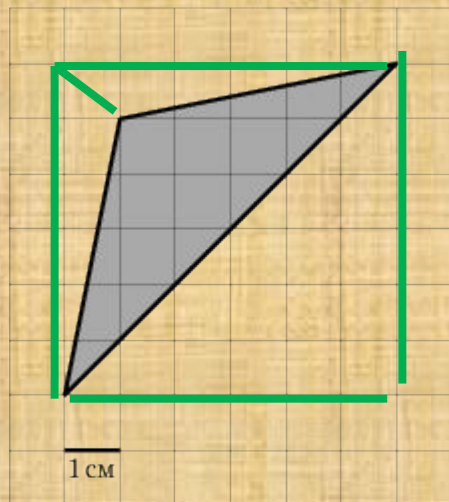
$$S_1 = 1/2 \cdot 2 \cdot 6 = 6$$



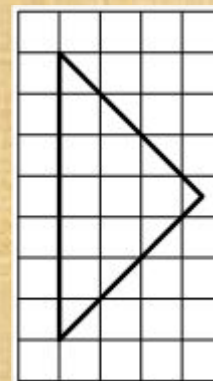
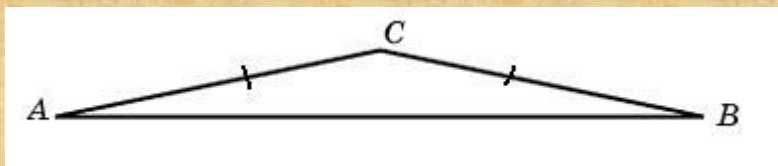
$$S_1 = 1/2 \cdot 2 \cdot 9 = 9$$

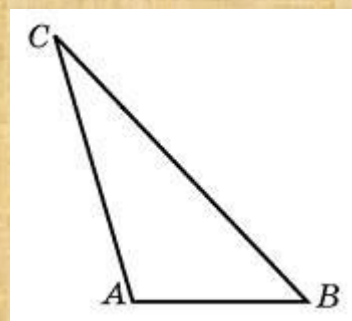
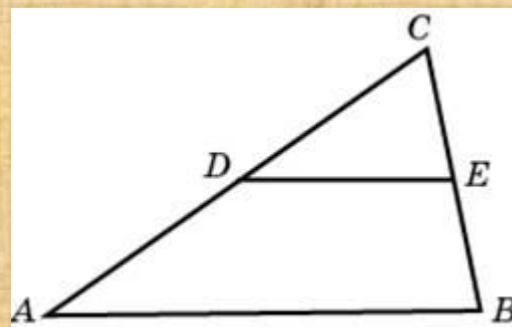






Угол при вершине, противолежащей основанию равнобедренного треугольника, равен 150° . Боковая сторона треугольника равна 20. Найдите площадь этого треугольника.





Найдите периметр четырехугольника

$ABCD$, если стороны квадратных клеток
равны $\sqrt{10}$

