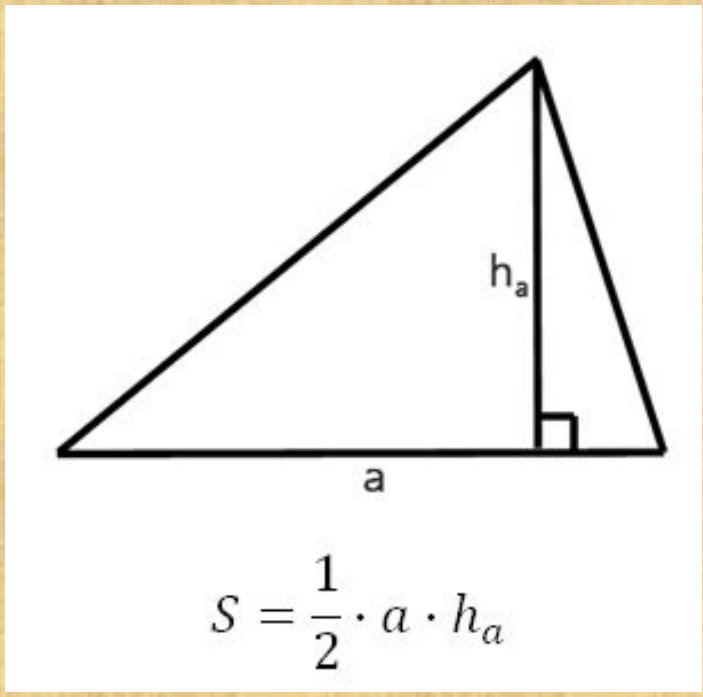
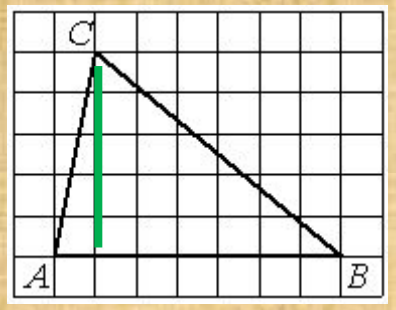
Готовимся к ЕГЭ

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

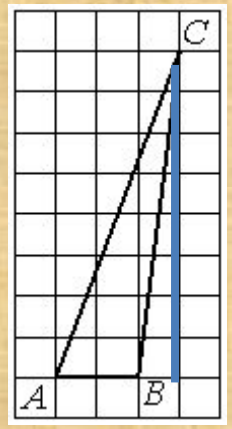
Облогина Нина Владимировна
МБОУ СОШ №28 Г. Ставрополя



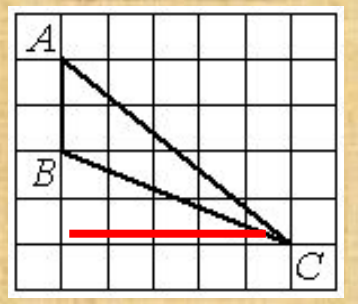
Площадь треугольника равна половине произведения стороны на высоту, проведенную к этой стороны.



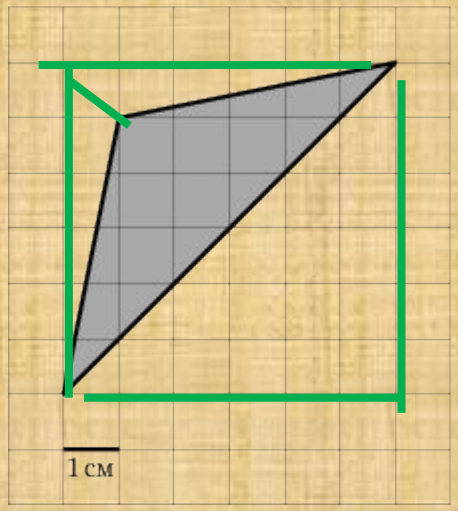
$S=1/2 \cdot 7 \cdot 5=12,5$



$S=1/2 \cdot 8 \cdot 3=12$



$S=1/2 \cdot 4 \cdot 5=10$



$S_{пр}=6$

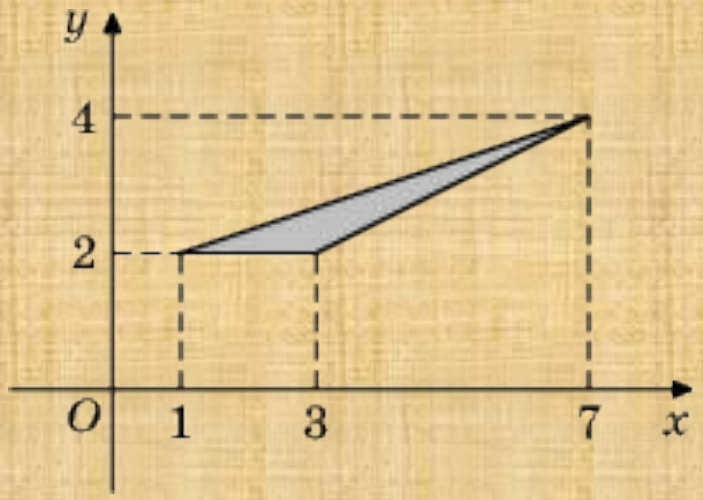
$\cdot 6=36$

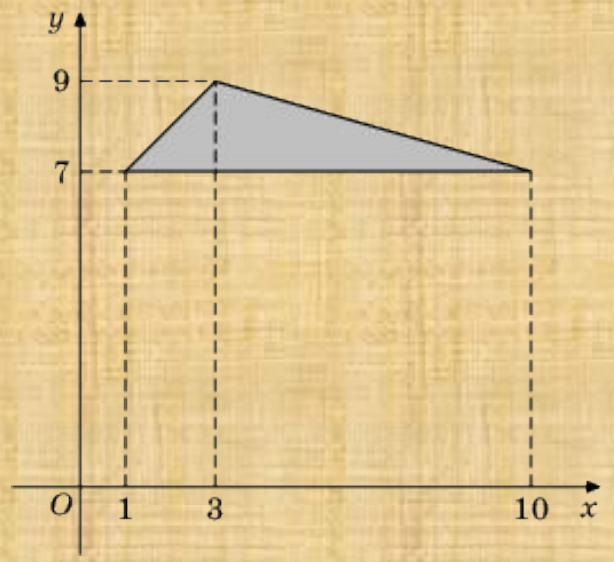
$S_1=1/2 \cdot 1 \cdot 6=3$

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

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

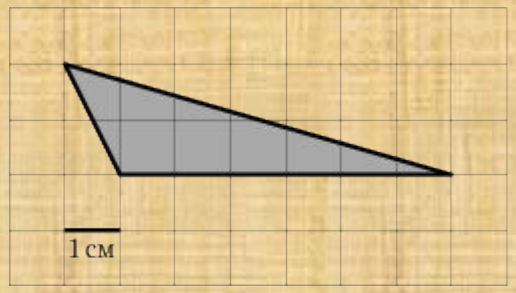
$S=36-18-3-3=12$

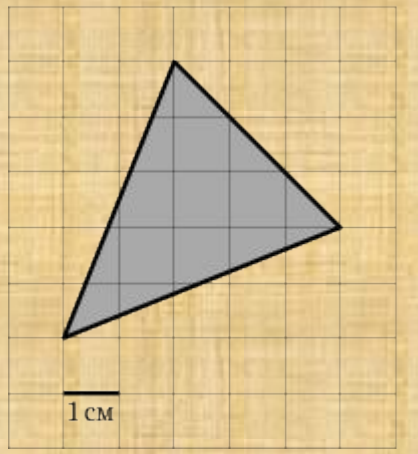




$S_1 = 1/2 \cdot 2 \cdot 6 = 6$

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


1 см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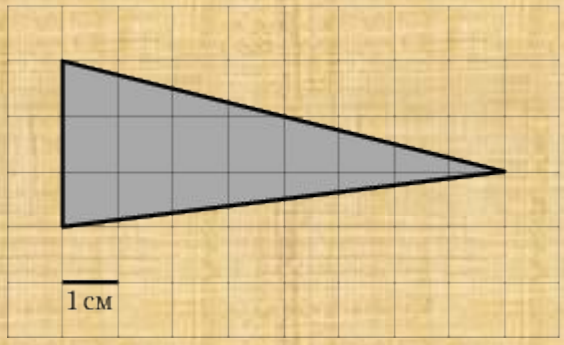
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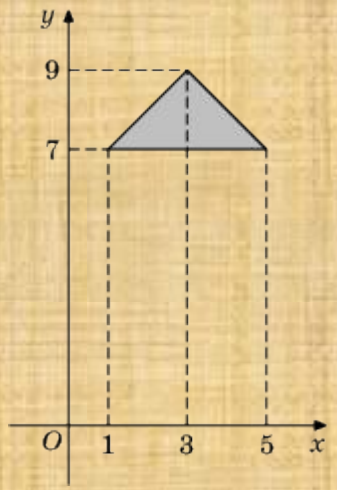
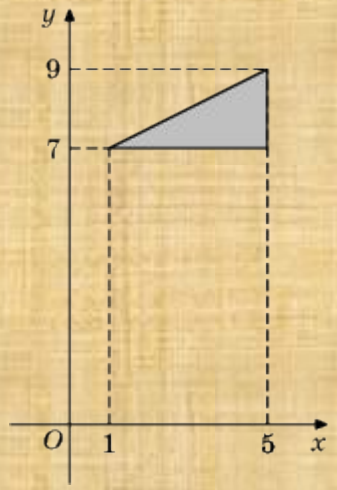
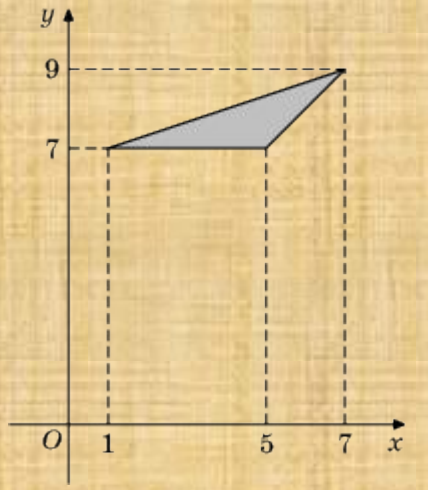
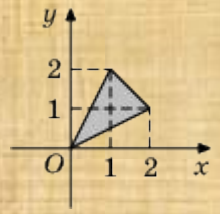
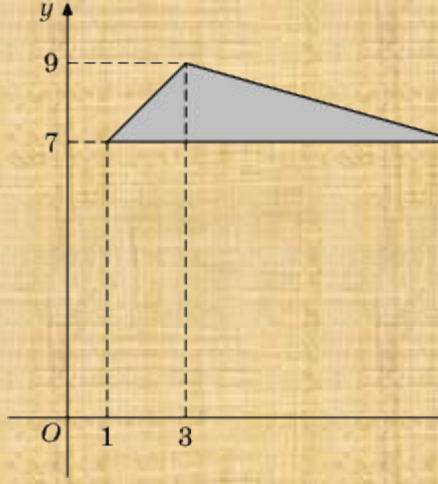
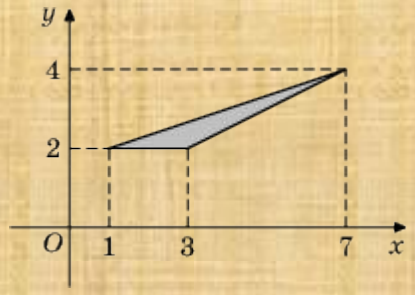

y
9
7
O
1
3
5
x

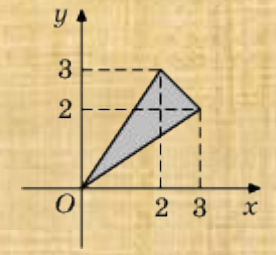

y
9
7
O
1
5
x

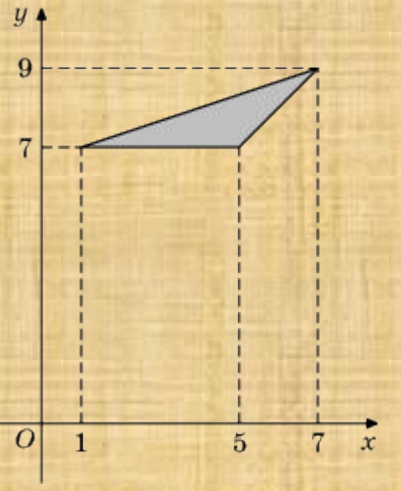

y
9
7
O
1
5
7
x


y
2
1
O
1
2
x


y
9
7
O
1
3


y
4
2
O
1
3
7
x


y
3
2
O
2
3
x


y
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7
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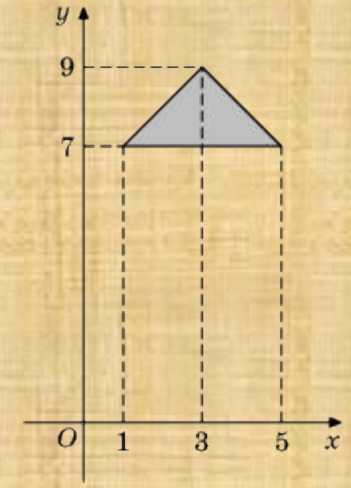
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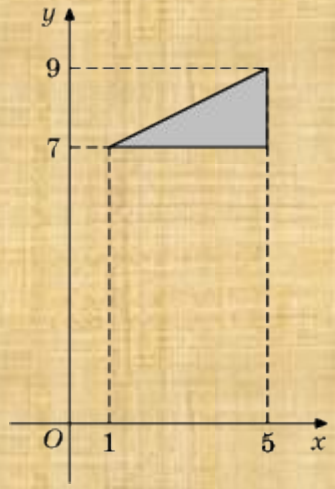
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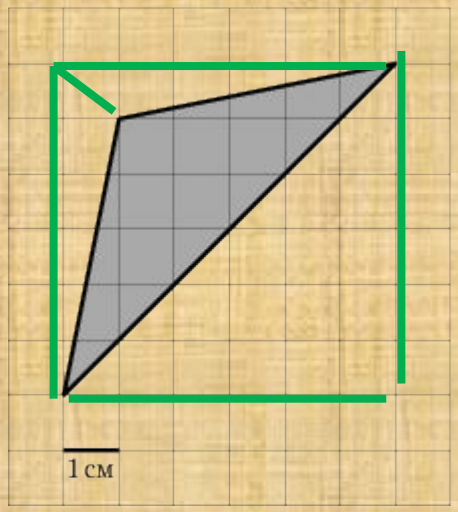
x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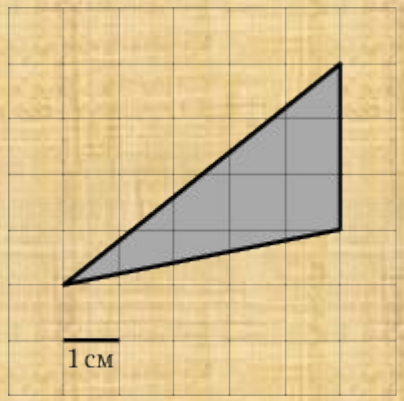
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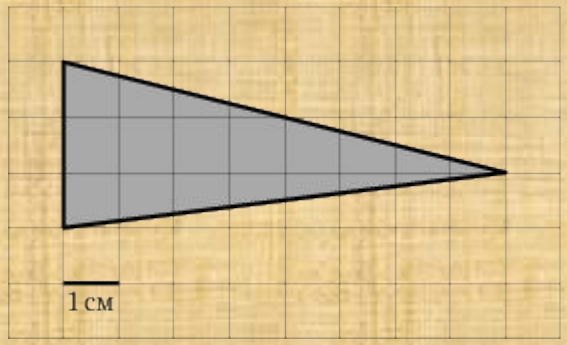
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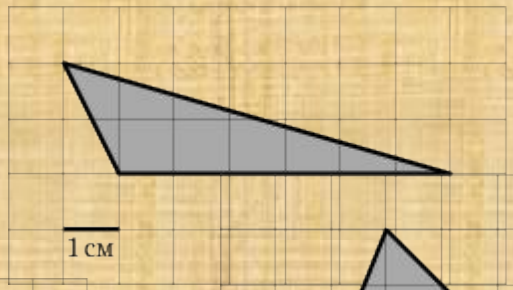
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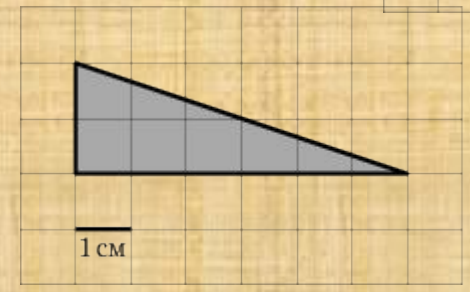
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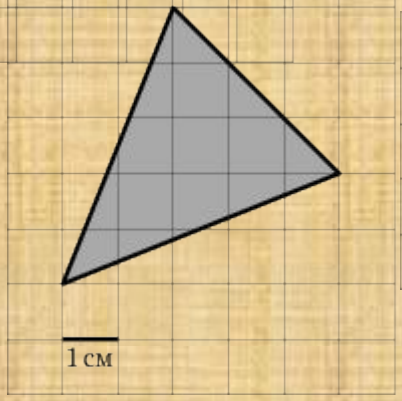
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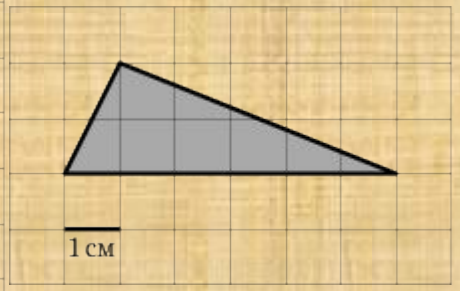
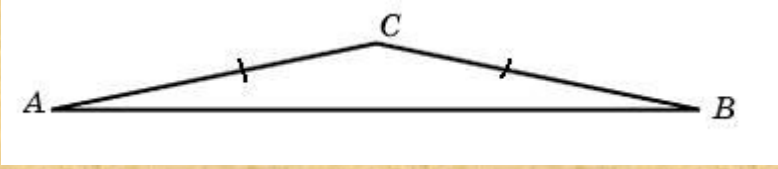
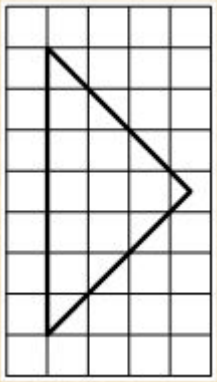
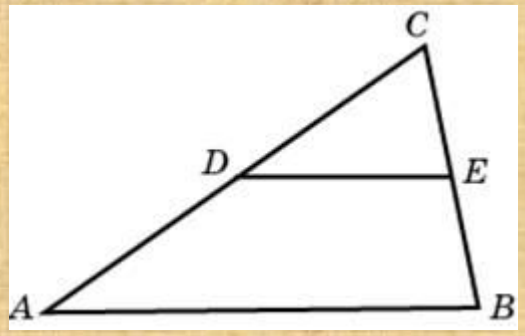
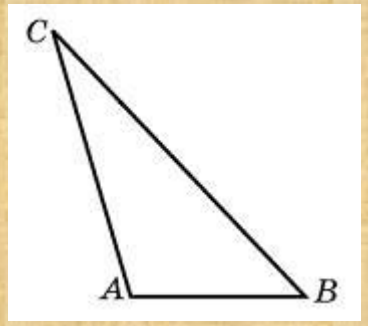

1 см

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






C
D
E
A
B


C
A
B

Найдите периметр четырехугольника

ABCD, если стороны квадратных клеток равны −−√10