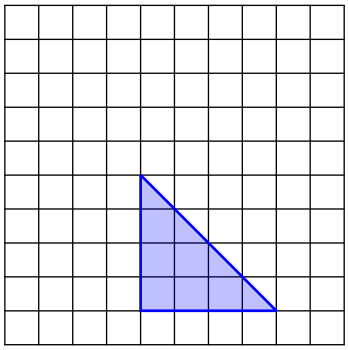
Grade 6 Math Name_____

Area Formula for Triangles

Date_____ Period____

Find the area of each triangle using a method you learned in class. Each square on the grid represents one square unit.

1)



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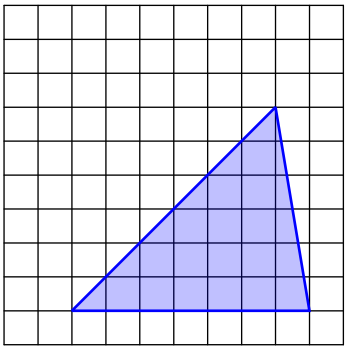

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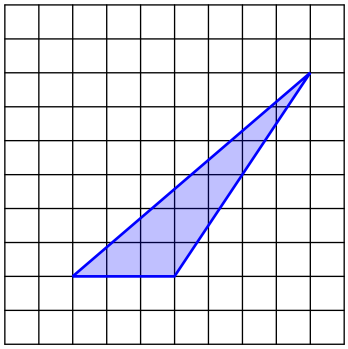

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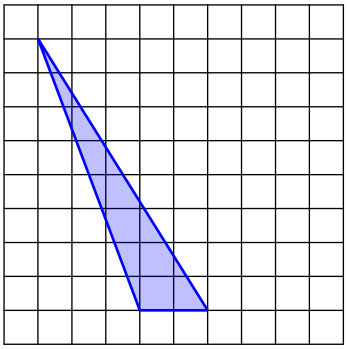

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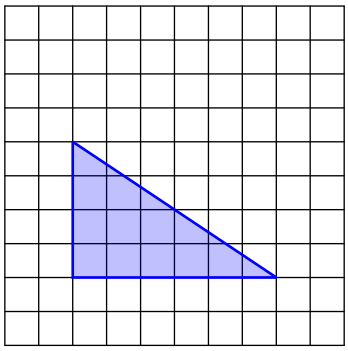

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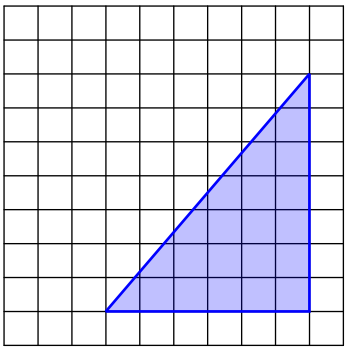
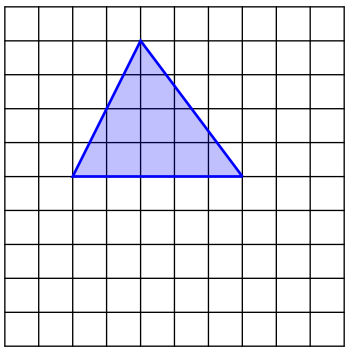
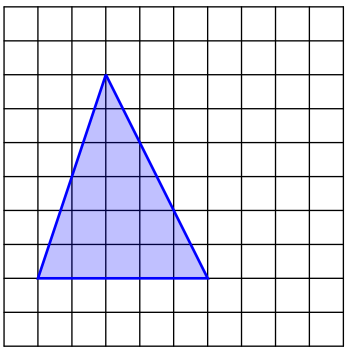


7)



8)



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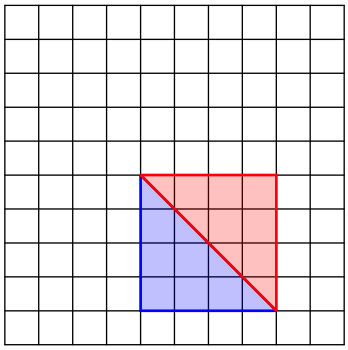
1)

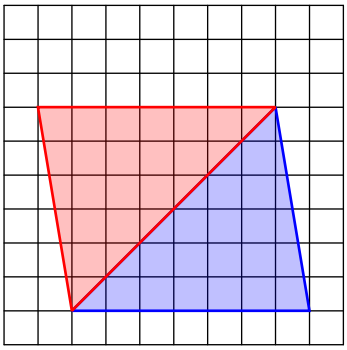


rectangle area = $4 \times 4 = 16$

triangle area = $\frac{1}{2} \times 16 = 8$

8 units²

2)

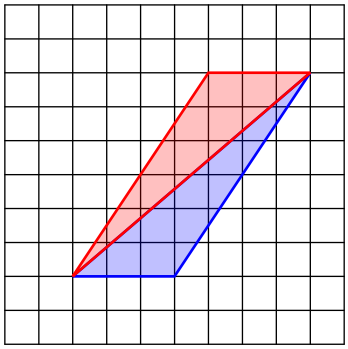


parallelogram area = $7 \times 6 = 42$

triangle area = $\frac{1}{2} \times 42 = 21$

21 units²

3)

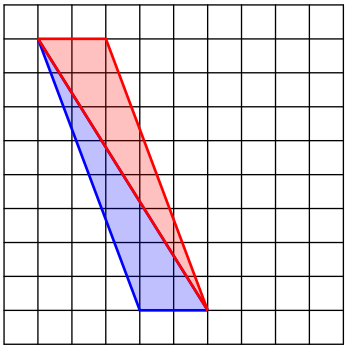


parallelogram area = $3 \times 6 = 18$

triangle area = $\frac{1}{2} \times 18 = 9$

9 units²

4)

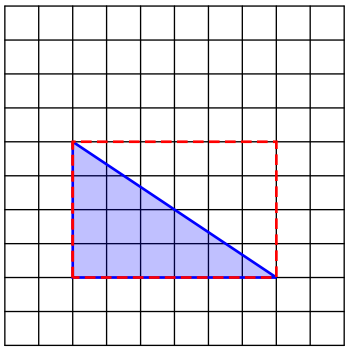


parallelogram area = $2 \times 8 = 16$

triangle area = $\frac{1}{2} \times 16 = 8$

8 units²

5)

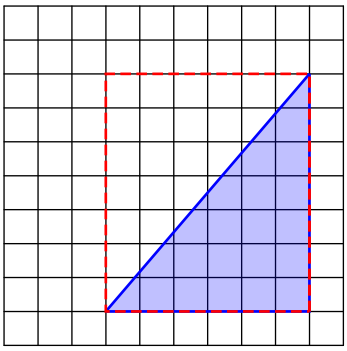


rectangle area = $6 \times 4 = 24$

triangle area = $\frac{1}{2} \times 24 = 12$

12 units²

6)

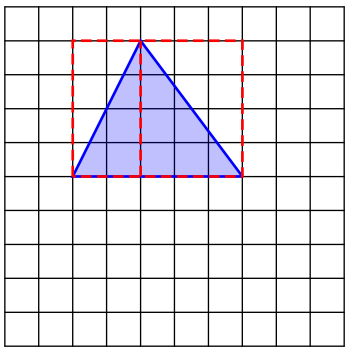


rectangle area = $6 \times 7 = 42$

triangle area = $\frac{1}{2} \times 42 = 21$

21 units²

7)



left rectangle area = $2 \times 4 = 8$

left triangle area = $\frac{1}{2} \times 8 = 4$

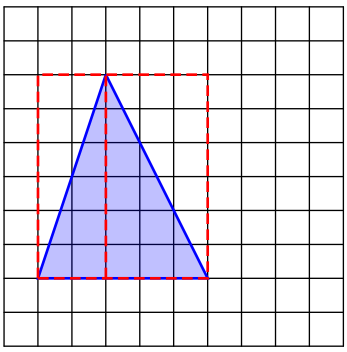
right rectangle area = $3 \times 4 = 12$

right triangle area = $\frac{1}{2} \times 12 = 6$

triangle area = $4 + 6 = 10$

10 units²

8)



left rectangle area = $2 \times 6 = 12$

left triangle area = $\frac{1}{2} \times 12 = 6$

right rectangle area = $3 \times 6 = 18$

right triangle area = $\frac{1}{2} \times 18 = 9$

triangle area = $6 + 9 = 15$

15 units²