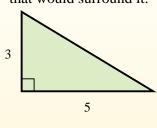
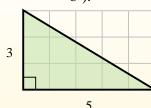


Find the area of each triangle in blocks (b).

The area of a **right** triangle is half the area of the rectangle that would surround it.



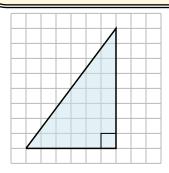
In this example, the surrounding rectangle would have an area of 15 blocks (15 b<sup>2</sup>).



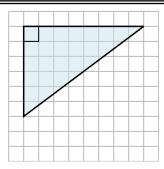
Half of 15 is 7.5 This right triangle has an area of  $7.5 b^2$ .

**Answers** 

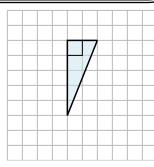
1)



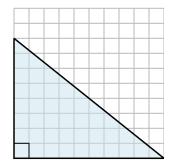
2)



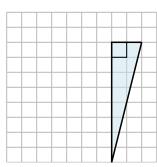
3)



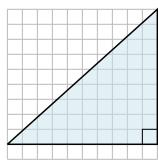
4)



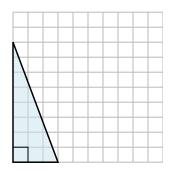
5)



**6**)

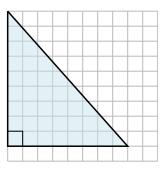


7)

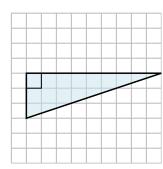


8)

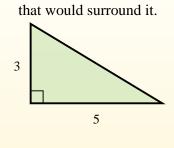
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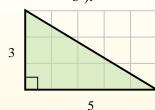
9)



The area of a **right** triangle is half the area of the rectangle



In this example, the surrounding rectangle would have an area of 15 blocks (15 b<sup>2</sup>).



Half of 15 is 7.5 This **right** triangle has an area of  $7.5 \text{ b}^2$ . Answers

1.  $24 b^2$ 

 $a = 24 b^2$ 

 $5 b^2$ 

4.  $40 b^2$ 

 $8 b^2$ 

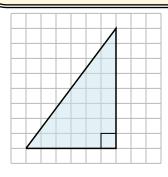
 $45 b^2$ 

 $12 b^2$ 

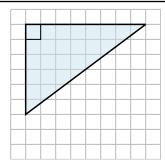
 $36 b^2$ 

9.  $13.5 b^2$ 

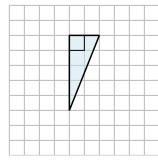
1)



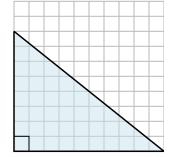
2)



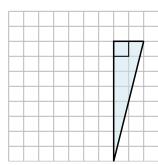
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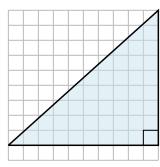
4)



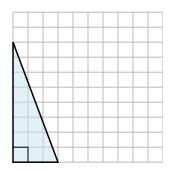
5)



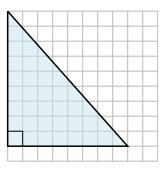
**6**)



7)



8)



9)

