

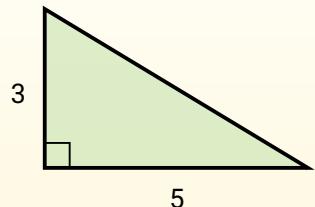


## Finding the Area of Right Triangles with a Grid

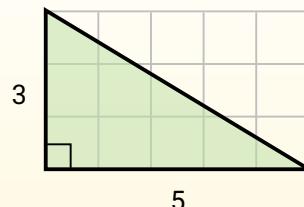
Name: \_\_\_\_\_

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.



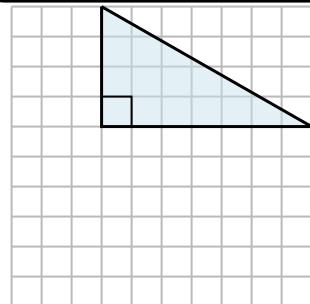
In this example, the surrounding rectangle would have an area of 15 blocks ( $15 b^2$ ).



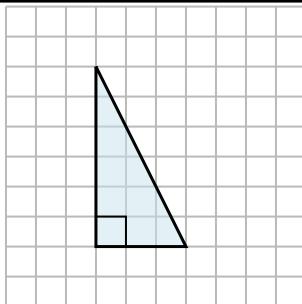
Half of 15 is 7.5  
This **right** triangle has an area of  $7.5 b^2$ .

## Answers

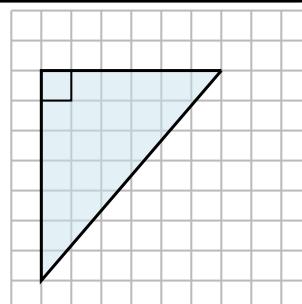
1)



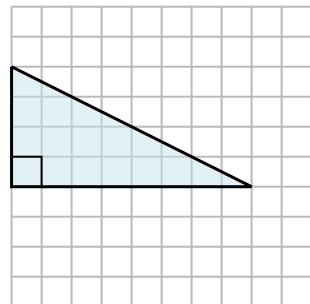
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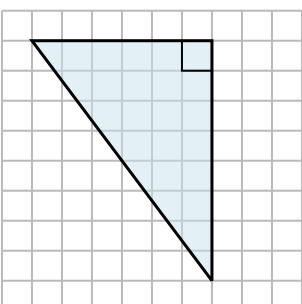
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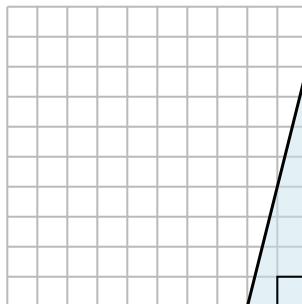
4)



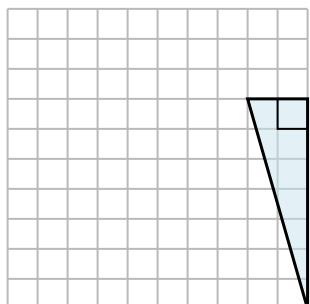
5)



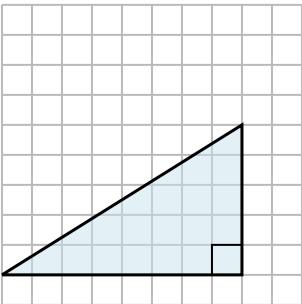
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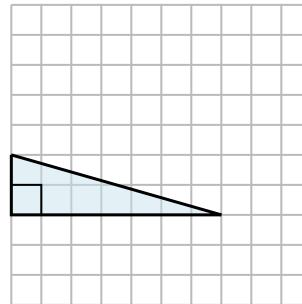
7)



8)



9)



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_



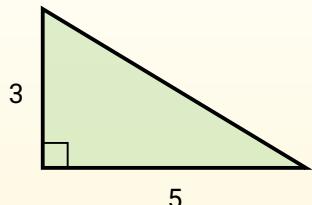
# Finding the Area of Right Triangles with a Grid

Name: \_\_\_\_\_

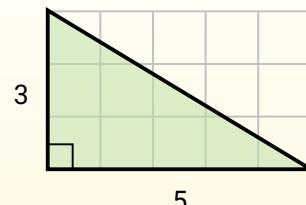
## Answer Key

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 ( $15 b^2$ ).



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

## Answers

1. **14**

2. **9**

3. **21**

4. **16**

5. **24**

6. **8**

7. **7**

8. **20**

9. **7**

1) 2) 3)

4) 5) 6)

7) 8) 9)