

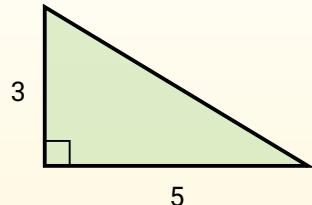


Finding the Area of Right Triangles with a Grid

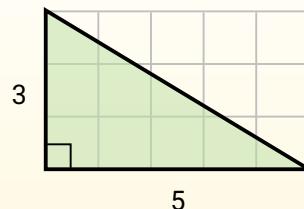
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Find the area of each triangle in blocks (b).

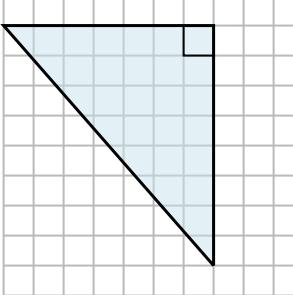
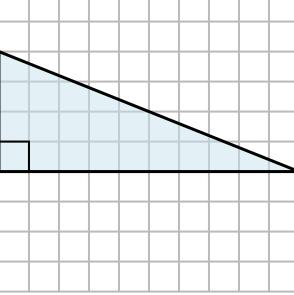
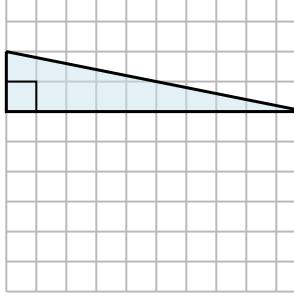
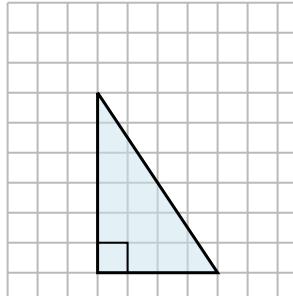
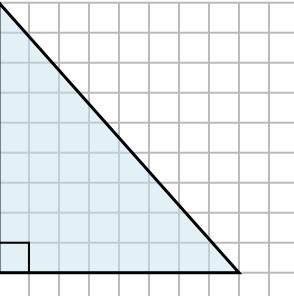
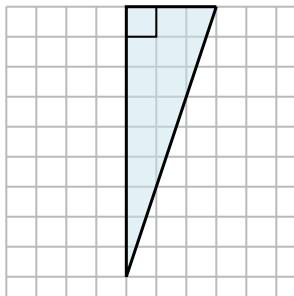
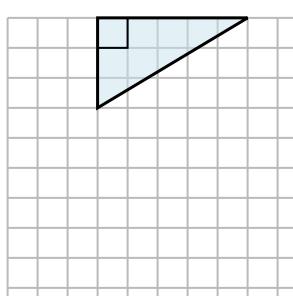
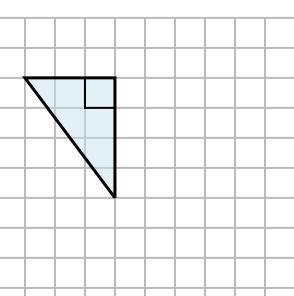
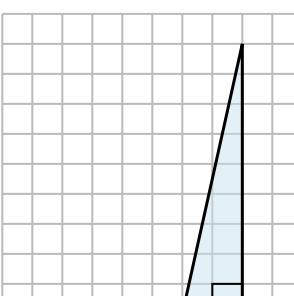
The area of a **right** triangle is half the area of the rectangle that would surround it.



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 $7.5 b^2$.

- 1) 
- 2) 
- 3) 
- 4) 
- 5) 
- 6) 
- 7) 
- 8) 
- 9) 

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____



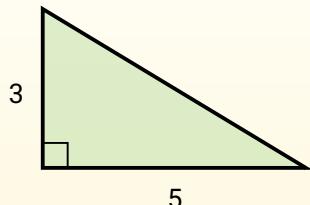
Finding the Area of Right Triangles with a Grid

Name: _____

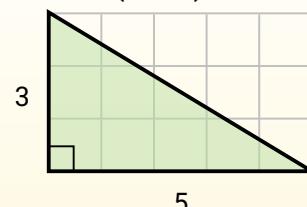
Answer Key

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. **28**

2. **20**

3. **10**

4. **12**

5. **36**

6. **13.5**

7. **7.5**

8. **6**

9. **9**

