

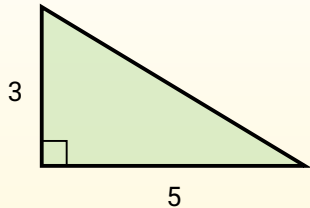


Finding the Area of Right Triangles with a Grid

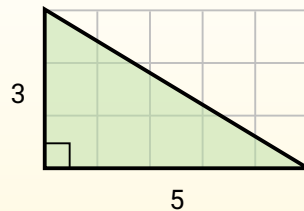
Name: _____

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.

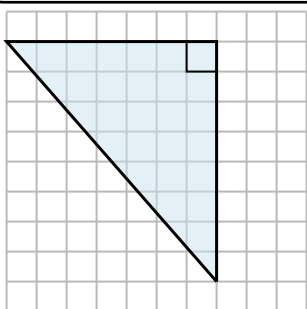


In this example, the surrounding rectangle would have an area of 15 blocks ($15 b^2$).

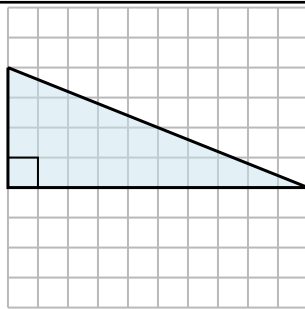


Half of 15 is 7.5
This **right** triangle has an area of $7.5 b^2$.

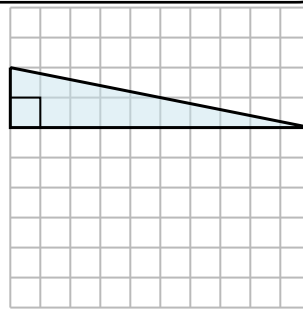
1)



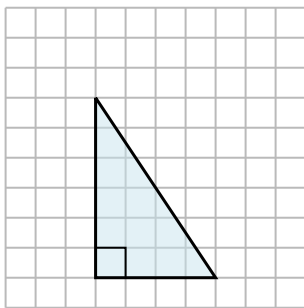
2)



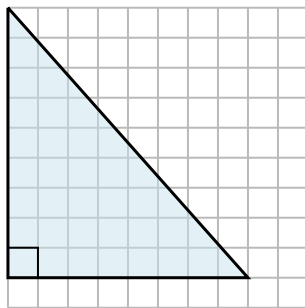
3)



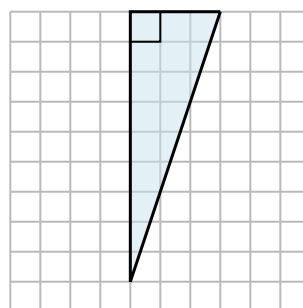
4)



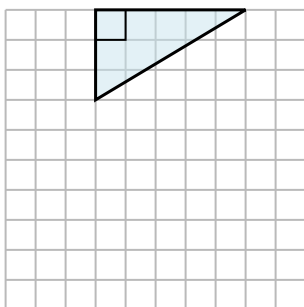
5)



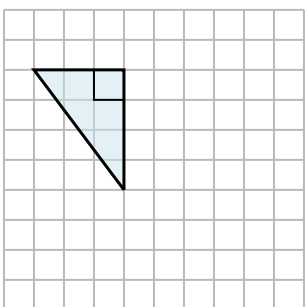
6)



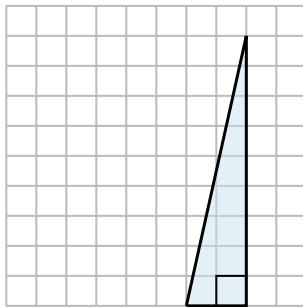
7)



8)



9)



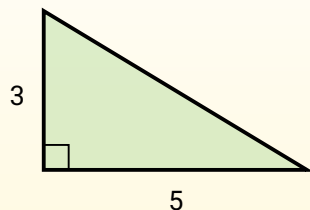
Answers

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

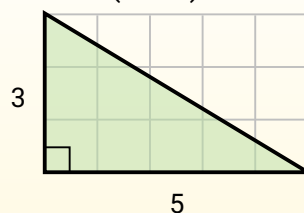


Find the area of each triangle in blocks (b).

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**

