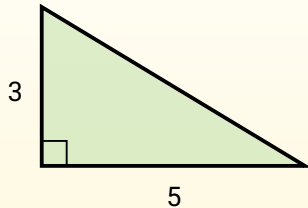# Finding the Area of Right Triangles with a Grid
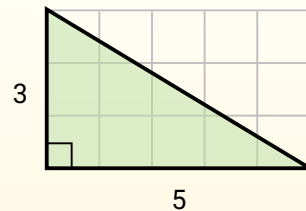
Name: _____

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

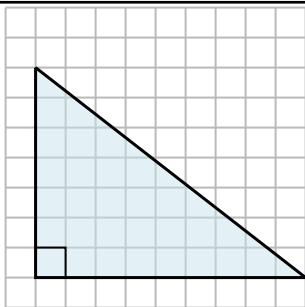The area of a **right** triangle is half the area of the rectangle that would surround it.

3

5

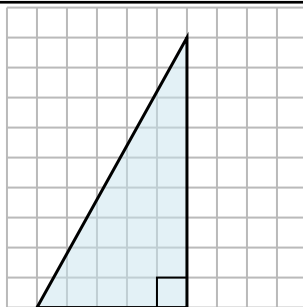In this example, the surrounding rectangle would have an area of 15 blocks $(15\ b^2)$.

3

5

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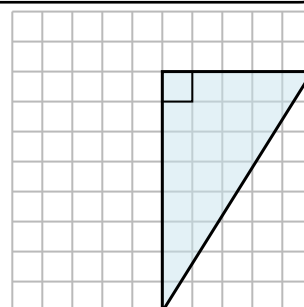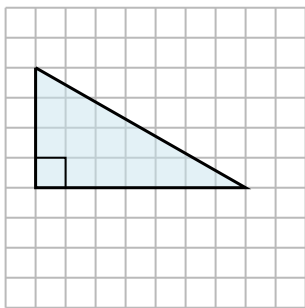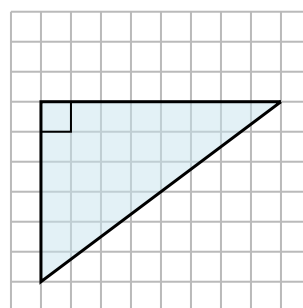This **right** triangle has an area of 7.5 $b^2$.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____
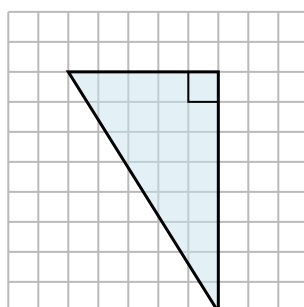
1)

2)

3)

4)

5)

6)

7)

8)

9)

# 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.

3

5

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

3

5
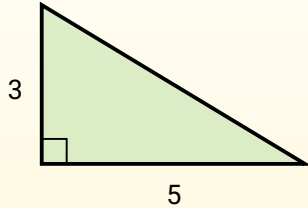
Half of 15 is 7.5
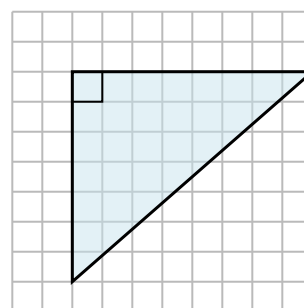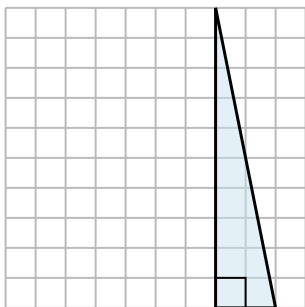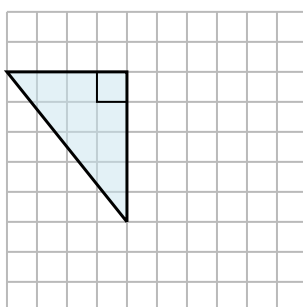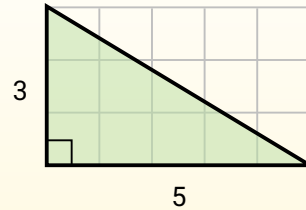This **right** triangle has an area of 7.5 b$^2$.

## Answers

1. **31.5**

2. **22.5**

3. **20**

4. **14**

5. **24**

6. **28**

7. **10**

8. **10**

9. **20**

1)

2)

3)

4)

5)

6)

7)

8)

9)