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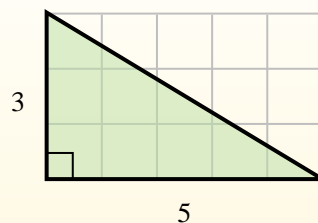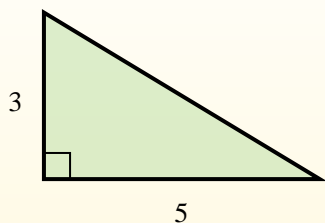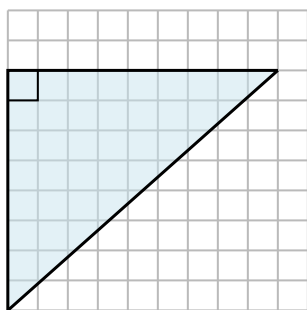
Find the area of each triangle in blocks (b).

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

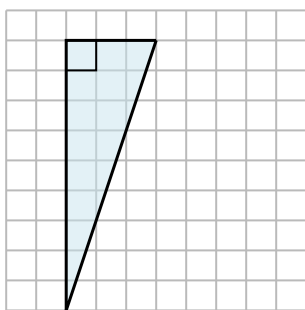In this example, the surrounding rectangle would have an area of 15 blocks (15 b^2).

3

5

3

5

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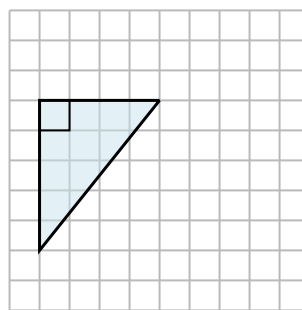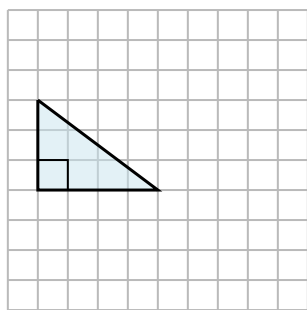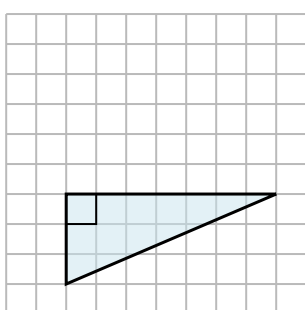This **right** triangle has an area of 7.5 b^2.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

1)

2)

3)

4)

5)

6)

7)

8)

9)

| 1-9 | 89 | 78 | 67 | 56 | 44 | 33 | 22 | 11 | 0 |

Finding the Area of Right Triangles with a Grid

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.

3
5

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

3
5
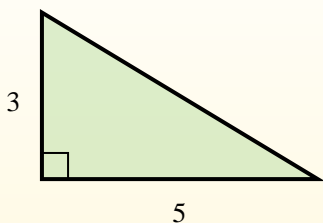
Half of 15 is 7.5
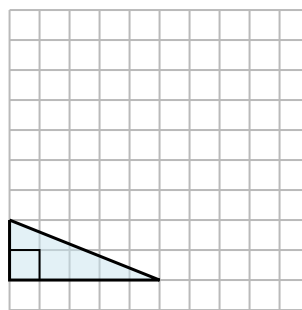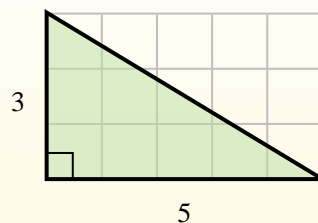This **right** triangle has an area of 7.5 b^2.

Answers

1. **36 b^2**
2. **13.5 b^2**
3. **10 b^2**
4. **6 b^2**
5. **10.5 b^2**
6. **5 b^2**
7. **28 b^2**
8. **24 b^2**
9. **17.5 b^2**

1)

2)

3)

4)

5)

6)

7)

8)

9)