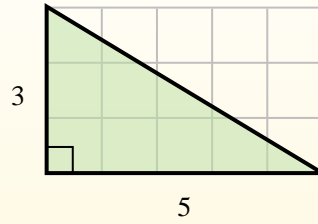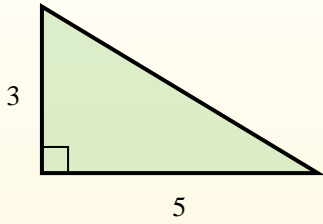# Finding the Area of Right Triangles with a Grid

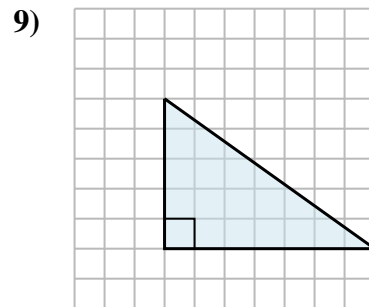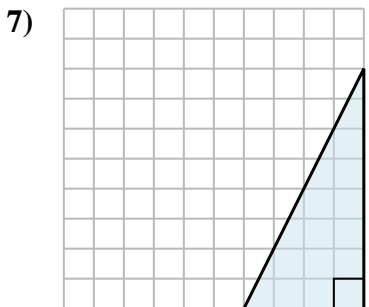**Find the area of each triangle in blocks (b).**

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 b²).

3

5

3

5

Half of 15 is 7.5

This **right** triangle has an area of 7.5 b².

1)

2)

3)

4)

5)

6)

7)

8)

9)

Answer Key

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

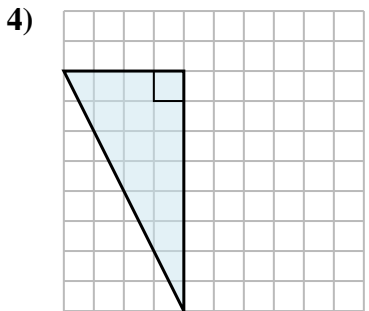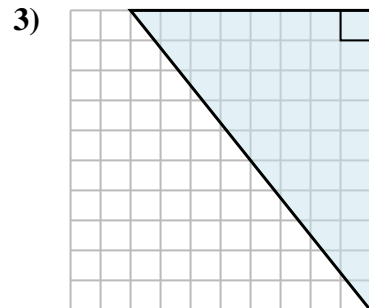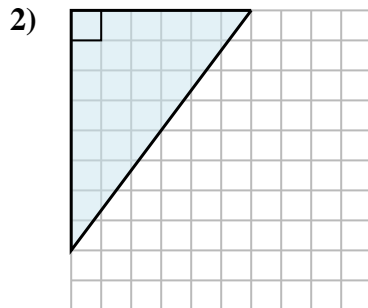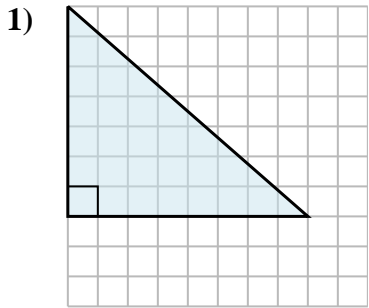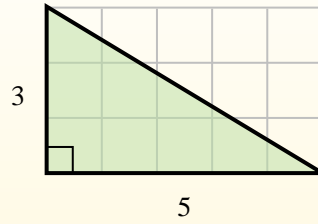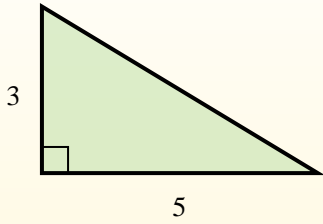The area of a **right** triangle is half the area of the rectangle that would surround it.

3

5

In this example, the surrounding rectangle would have an area of 15 blocks (15 b^2).
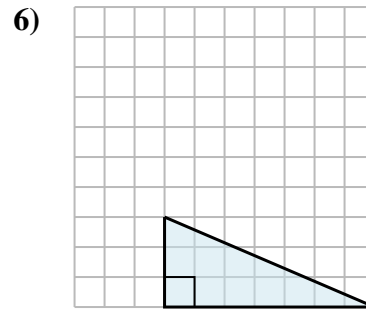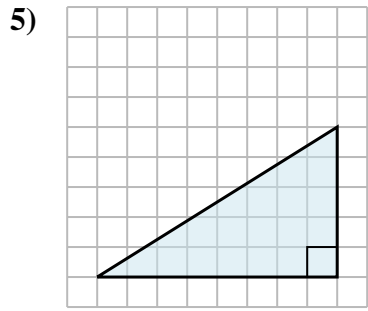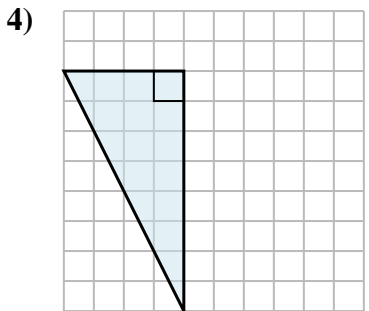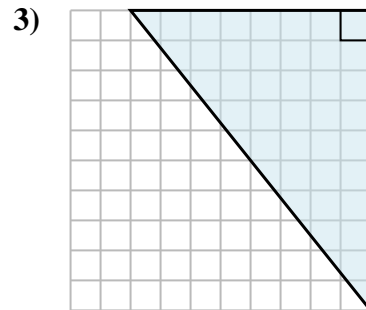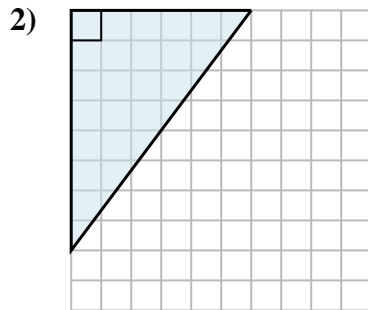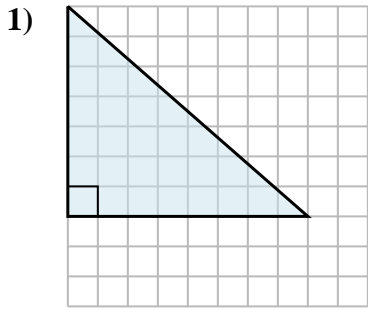
3

5

Half of 15 is 7.5
This **right** triangle has an area of 7.5 b^2.
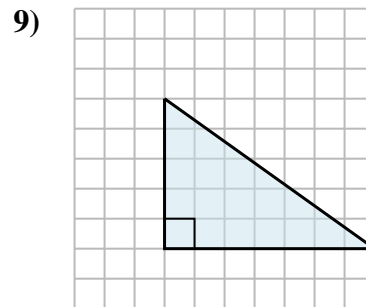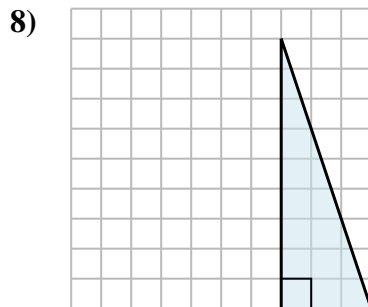
1. ___**28 b^2**___

2. ___**24 b^2**___

3. ___**40 b^2**___

4. ___**16 b^2**___

5. ___**20 b^2**___

6. ___**10.5 b^2**___

7. ___**16 b^2**___

8. ___**13.5 b^2**___

9. ___**17.5 b^2**___

1)

2)

3)

4)

5)

6)

7)

8)

9)

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