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.
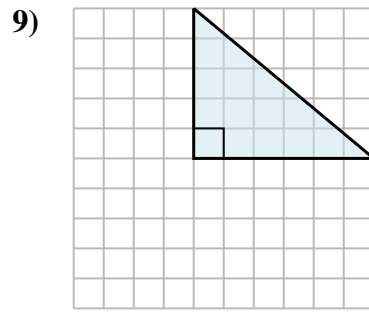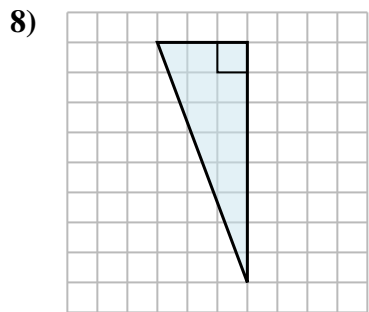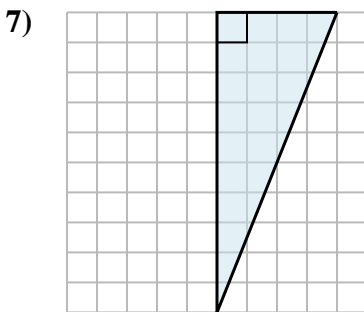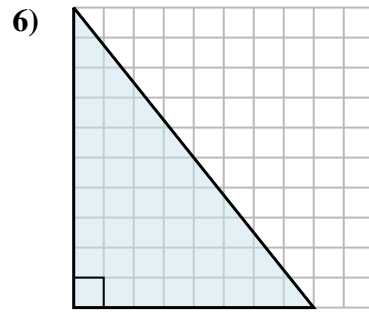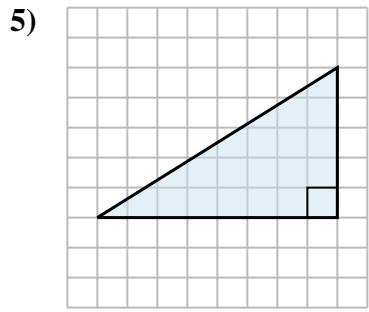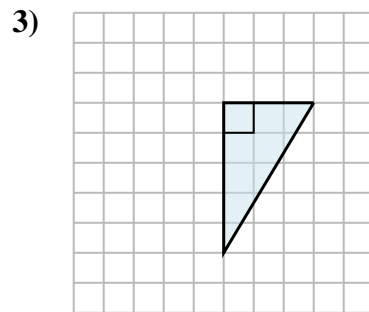
3

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)

Math

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

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The area of a **right** triangle is half the area of the rectangle that would surround it.
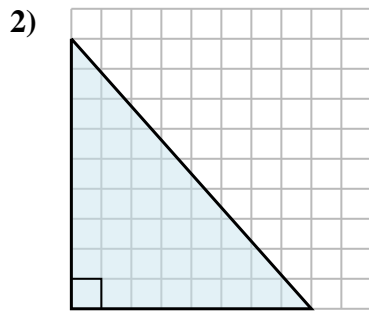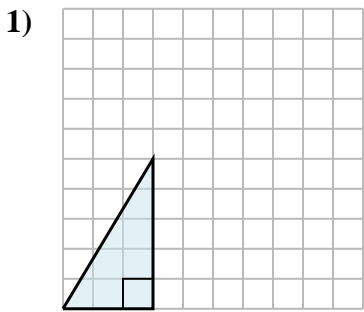
3

5

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3

5

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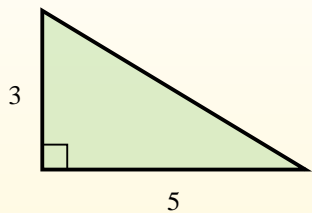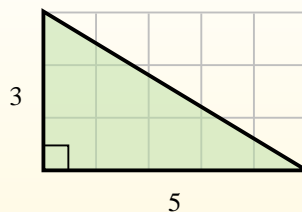This **right** triangle has an area of 7.5 b^2.

1. $7.5\ b^2$

2. $36\ b^2$

3. $7.5\ b^2$

4. $10\ b^2$

5. $20\ b^2$

6. $40\ b^2$

7. $20\ b^2$

8. $12\ b^2$

9. $15\ b^2$

1)

2)

3)

4)

5)

6)

7)

8)

9)