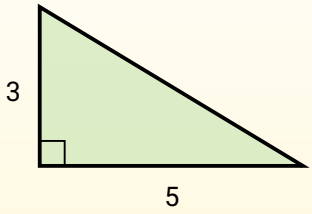
Finding the Area of Right Triangles with a Grid

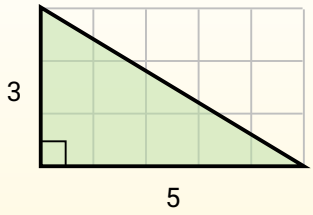
Name:

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.

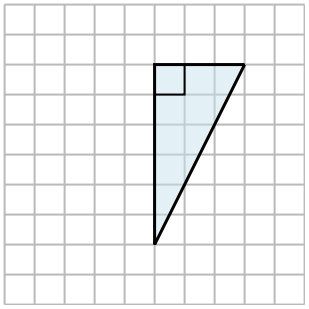


In this example, the surrounding rectangle would have an area of 15 blocks (15 b^2).



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

1)



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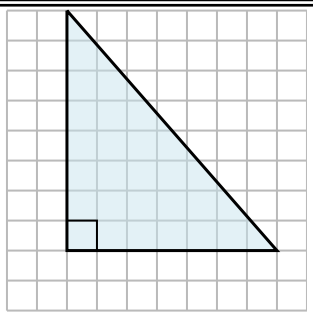

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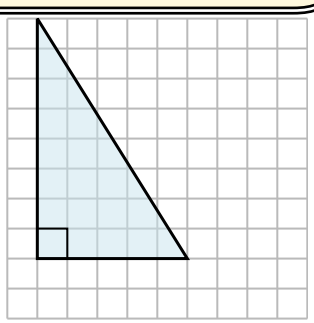

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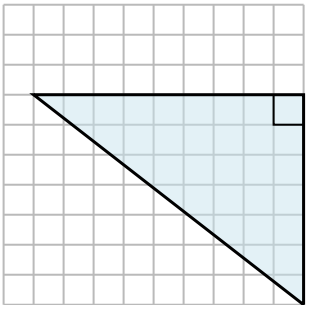

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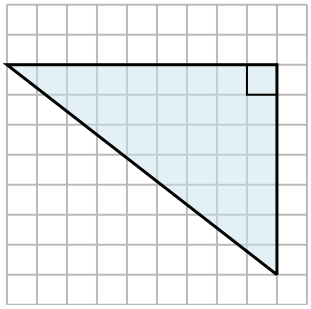

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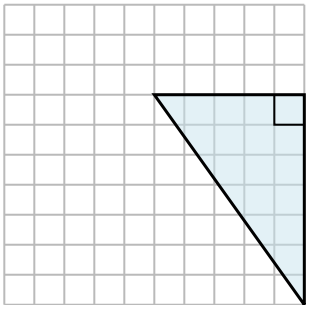

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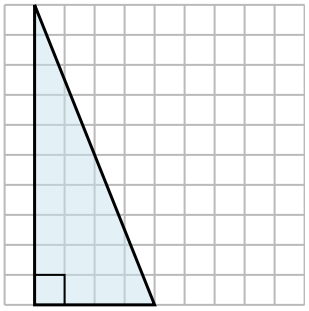

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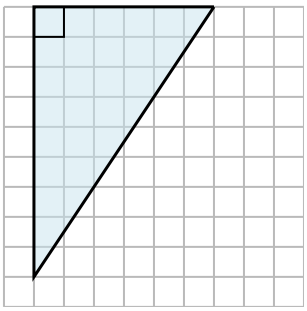

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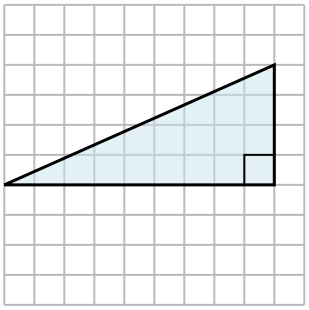

Answers

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

Name: **Answer Key**

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

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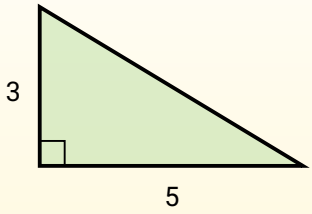

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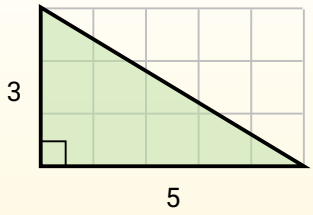

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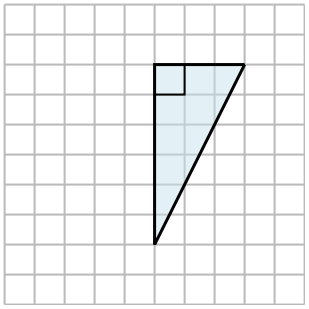

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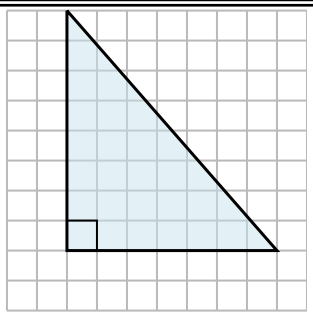
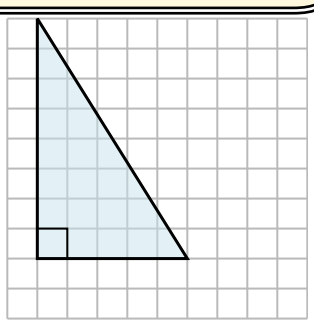
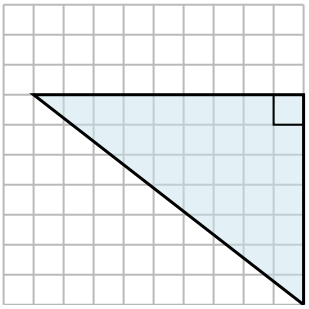


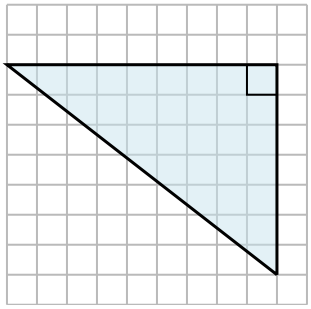
3)



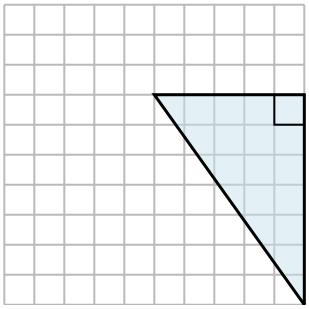
4)



5)



6)



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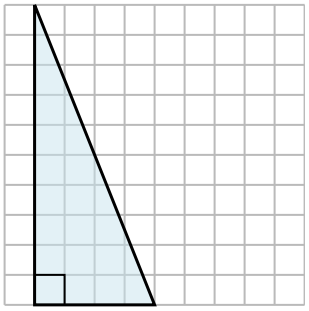

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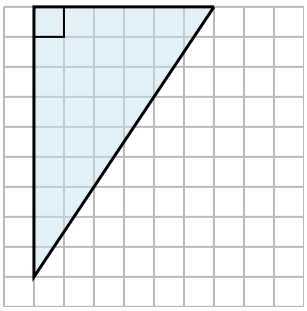

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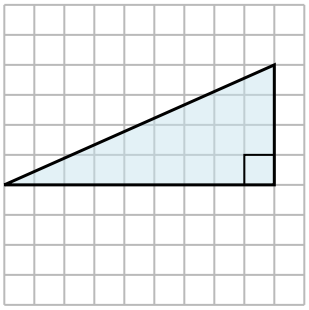

Answers

1. 9
2. 28
3. 20
4. 31.5
5. 31.5
6. 17.5
7. 20
8. 27
9. 18

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