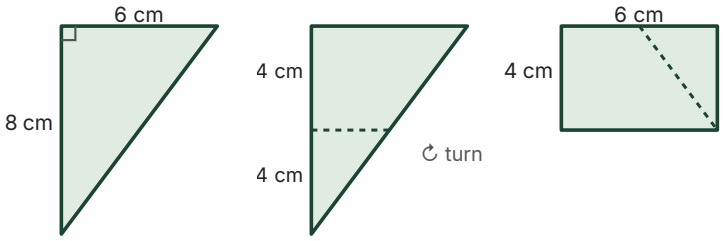
Area of Triangles

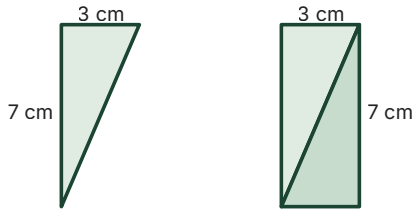
Geometry & Shapes

Name: _____ Date: _____ Grade 6

1. To find the area of this right triangle, Diego cut it in half along a dashed line and turned the bottom piece to form a rectangle. Explain how Diego could use his rectangle to find the area of the triangle.

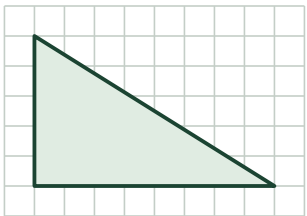


2. To find the area of this triangle, Nadia used two identical copies of the triangle to create a rectangle. Explain how Nadia could use her rectangle to find the area of the triangle.



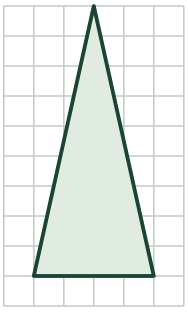
3. Determine the area of each triangle. Each small square in the grid has an area of 1 square unit.

a



Area: _____

b



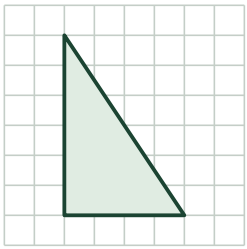
Area: _____

Area of Triangles

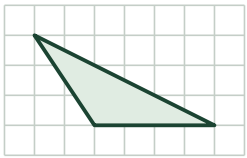
continued

Problems 4–6: Determine the area of each triangle. Show or explain your thinking. Each small square in the grid has an area of 1 square unit.

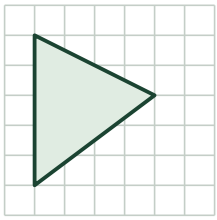
4.



5.



6.



7. Ava says the area of this triangle is 72 square units. Is Ava correct? Explain your thinking.

