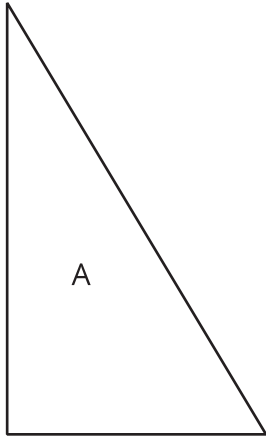
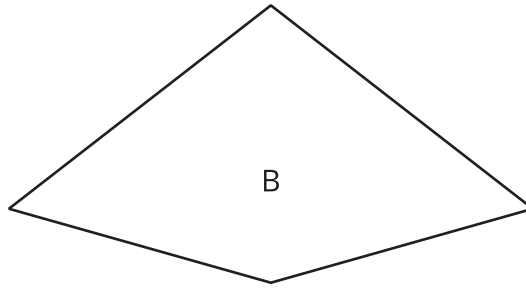


Lesson 3 Practice Problems

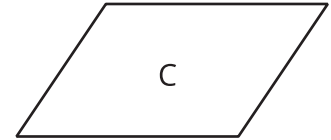
1 Here are 3 polygons.



Draw a scaled copy of Polygon A using a scale factor of 2.



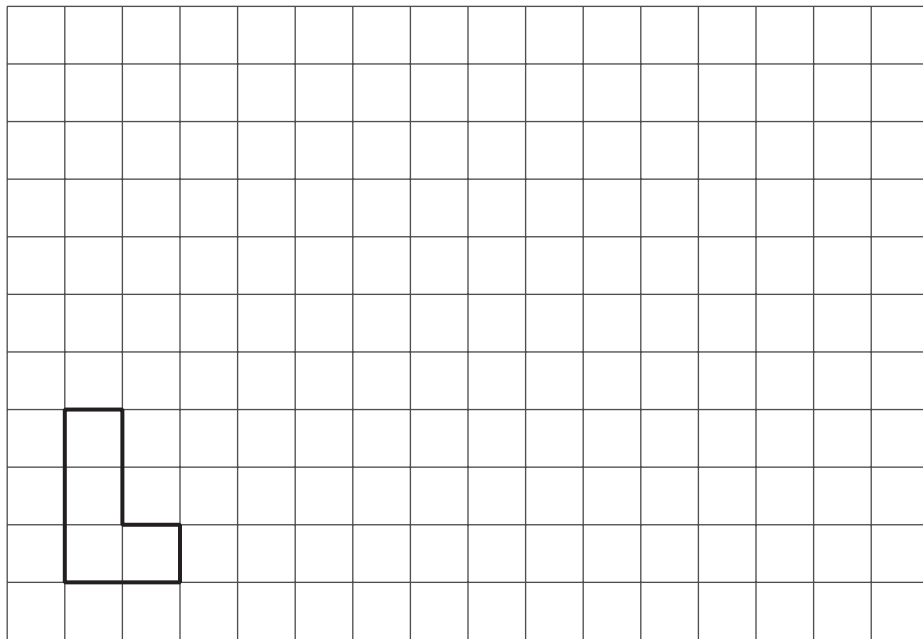
Draw a scaled copy of Polygon B using a scale factor of $\frac{1}{2}$.



Draw a scaled copy of Polygon C using a scale factor of $\frac{3}{2}$.

- 2 Quadrilateral A has side lengths 6, 9, 9, and 12. Quadrilateral B is a scaled copy of Quadrilateral A, with its shortest side of length 2. What is the perimeter of Quadrilateral B?

- 3 a. Draw a scaled copy of this polygon so that the scaled copy has a perimeter of 30 units.



- b. What is the scale factor? Explain how you know.

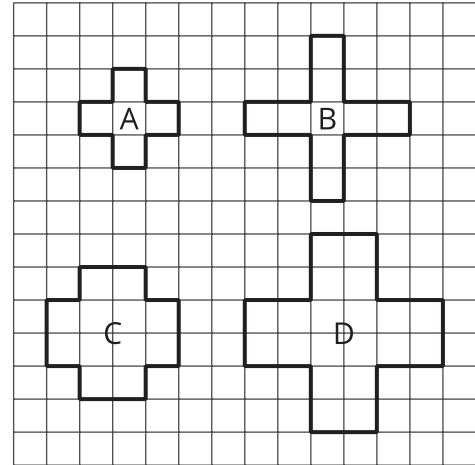
4

from Unit 1, Lesson 1

Priya and Tyler are discussing the figures.

- Priya says B, C, and D are scaled copies of A.
- Tyler says B and D are scaled copies of A.

Do you agree with either of them? Explain your reasoning.

**5**

from Unit 1, Lesson 2

Persian people made khatam by gluing many small pieces of wood together. Find a pair of figures in the design that are scaled copies. Outline the two figures, and give the scale factor.

