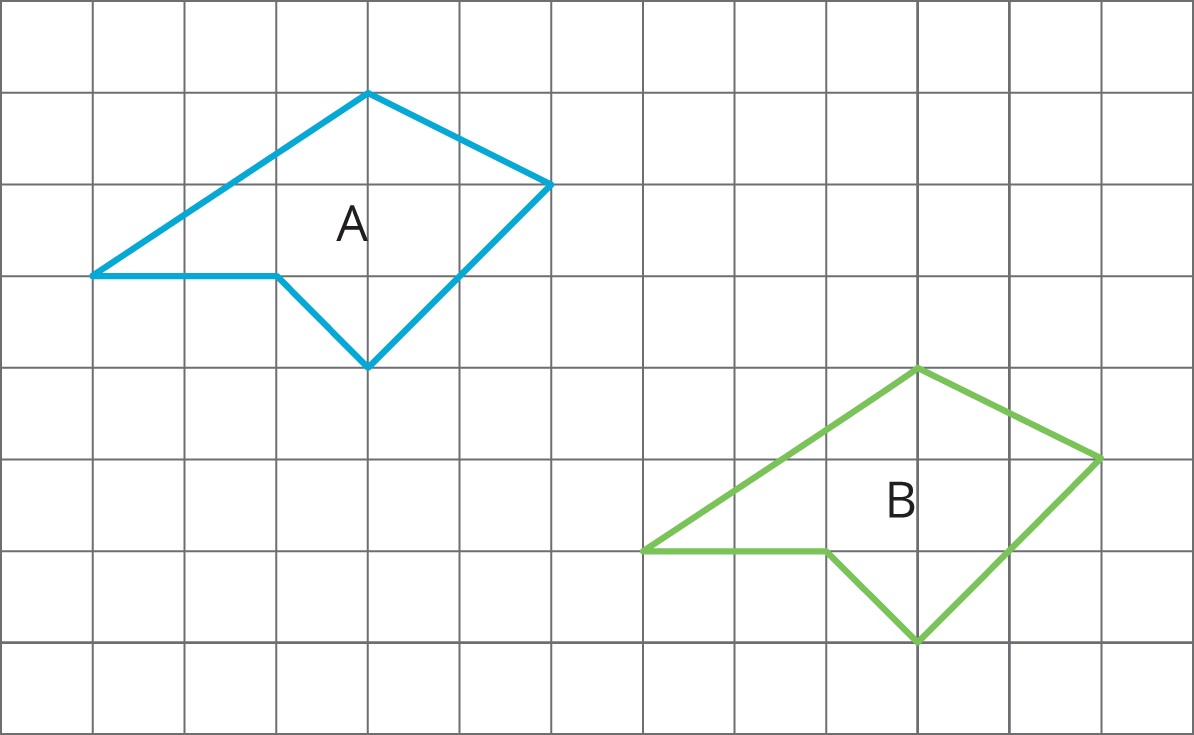
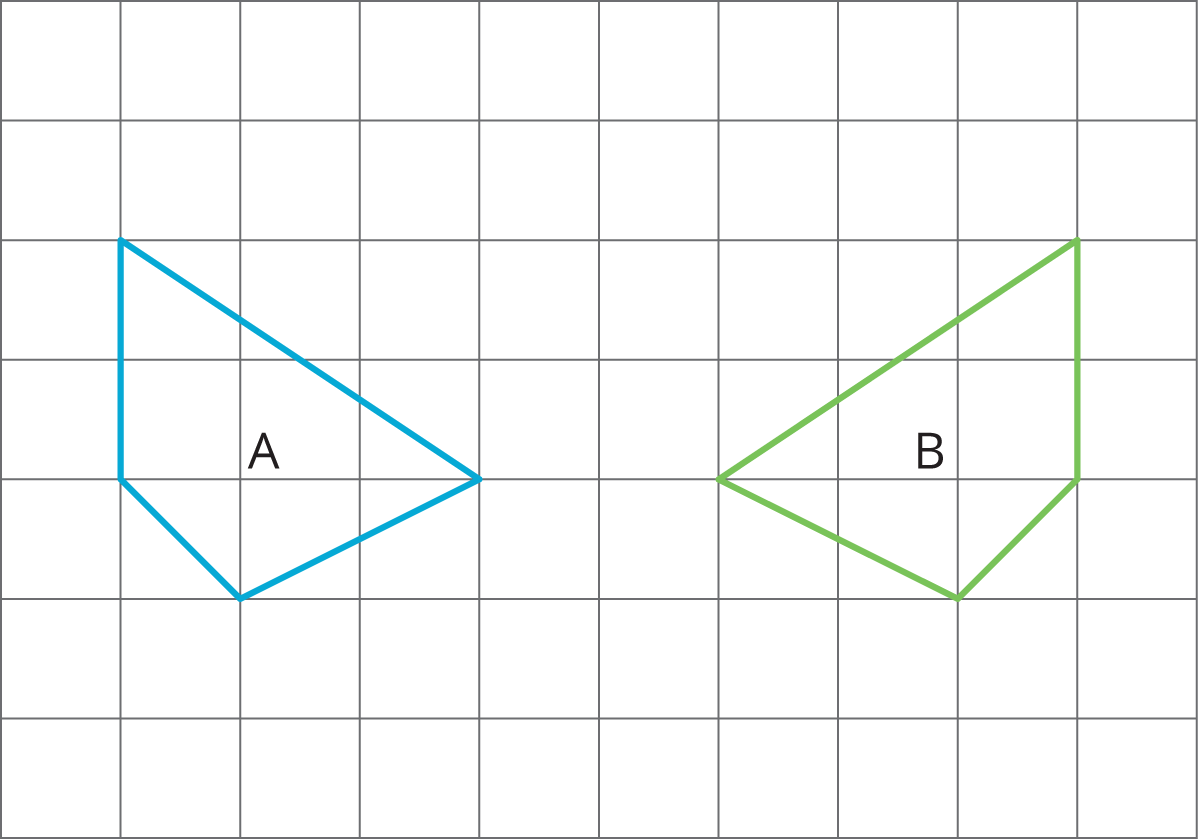
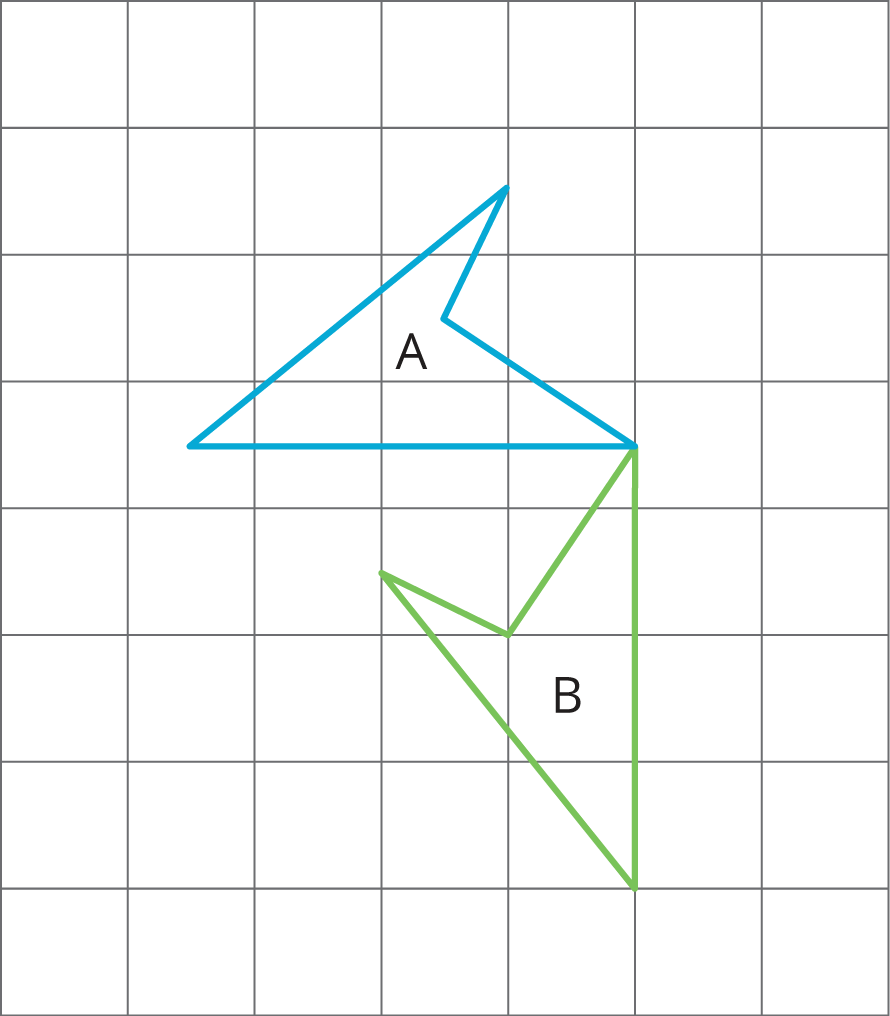
## Unit 1 Lesson 15 Cumulative Practice Problems

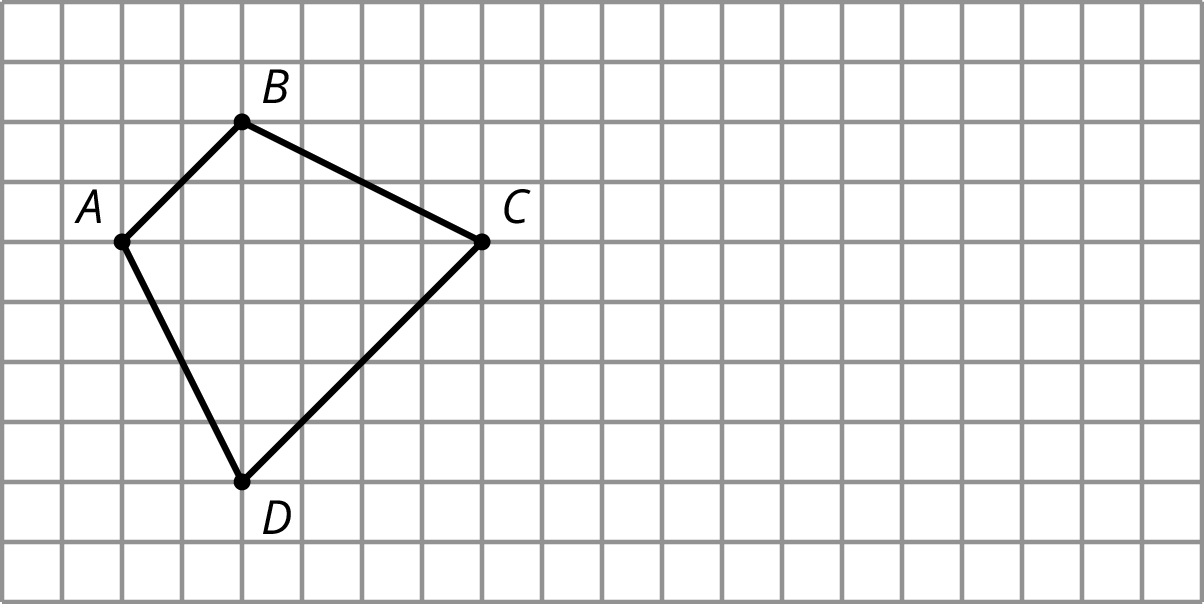
1. In triangle , the measure of angle is .
   1. Give possible measures for angles and if triangle is isosceles.
   2. Give possible measures for angles and if triangle is right.
2. For each set of angles, decide if there is a triangle whose angles have these measures in degrees:
   1. 60, 60, 60
   2. 90, 90, 45
   3. 30, 40, 50
   4. 90, 45, 45
   5. 120, 30, 30

* If you get stuck, consider making a line segment. Then use a protractor to measure angles with the first two angle measures.

1. Angle in triangle is obtuse. Can angle or angle be obtuse? Explain your reasoning.
2. For each pair of polygons, describe the transformation that could be applied to Polygon A to get Polygon B.
   1. 
   2. 
   3. 

* (From Unit 1, Lesson 3.)

1. On the grid, draw a scaled copy of quadrilateral using a scale factor of .

* 
* (From Unit 1, Lesson 14.)



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