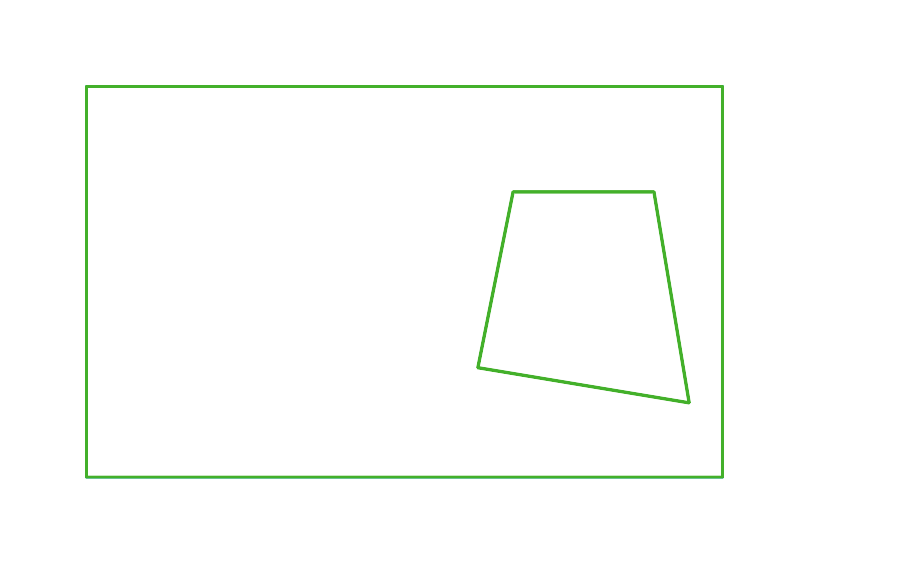
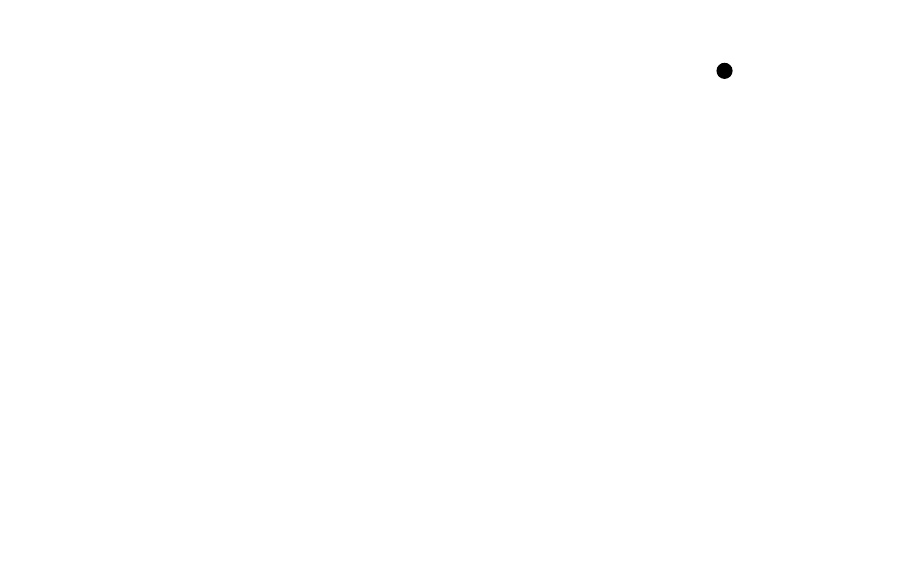
### Lesson 1 Practice Problems

1. Polygon is a scaled copy of Polygon .

* 
  1. The value of  is 6, what is the value of ?
  2. What is the scale factor?

1. Figure  ​is a scaled copy of Figure  .

* We know:
* Select **all** true equations.
* 

1. Solve each equation.
2. Select theshape that has 180 degree rotational symmetry.
   1. Rhombus
   2. Trapezoid
   3. Isosceles trapezoid
   4. Quadrilateral

* (From Unit 2, Lesson 14.)

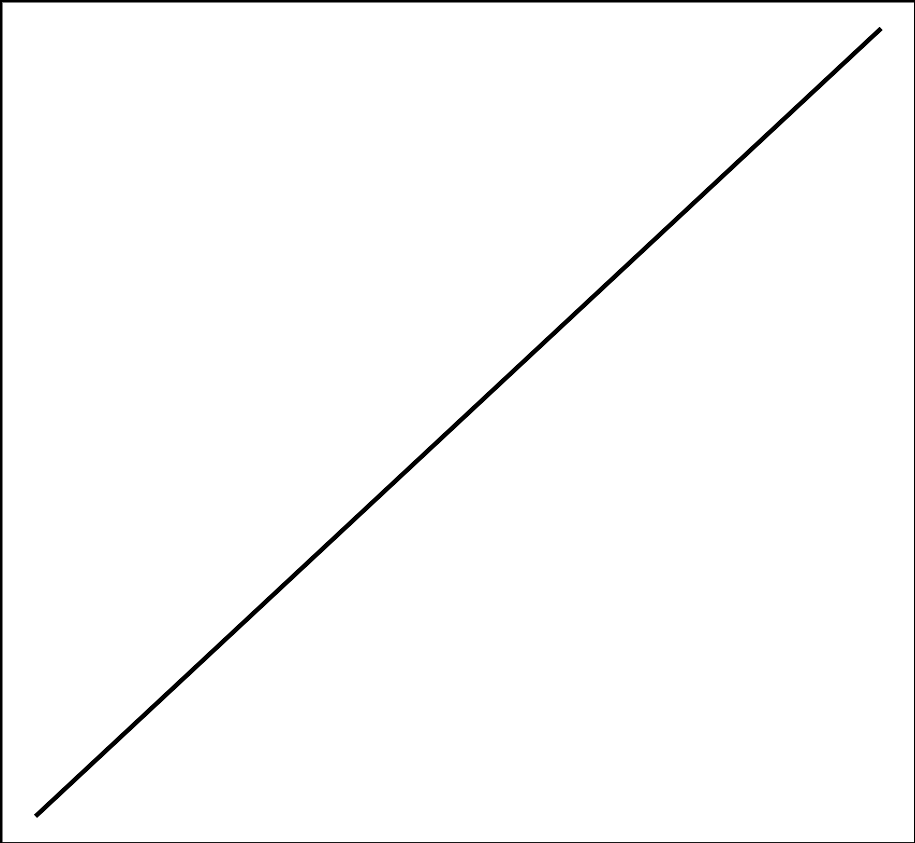
1. Name a quadrilateral in which the diagonal is also a line of symmetry. Explain how you know the diagonal is a line of symmetry.

* (From Unit 2, Lesson 14.)

1. In isosceles triangle , is congruent to  and  is an angle bisector of angle . How does Kiran know that is a perpendicular bisector of segment ?

* 
* (From Unit 2, Lesson 8.)

1. In the figure shown, lines and are parallel. Select **all** angles that are congruent to angle 1.

* 
  1. 1
  2. 2
  3. 3
  4. 4
  5. 5
  6. 6
  7. 7
  8. 8
* (From Unit 1, Lesson 20.)



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