Check It Out
Progress Check
BigIdeasMath.com

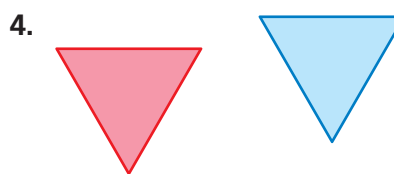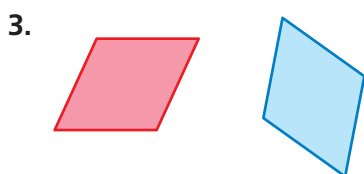**Tell whether the two figures are congruent. Explain your reasoning.**   *(Section 2.1)*

1.

12   20
16

9   15
12

2.

9
18

18
9
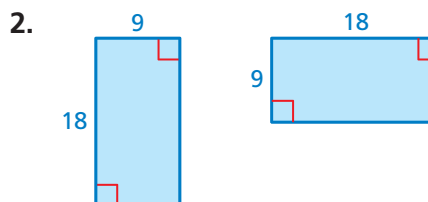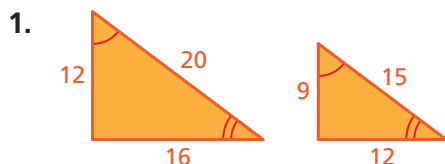
Tell whether the blue figure is a translation of the red figure.   *(Section 2.2)*

3.

4.

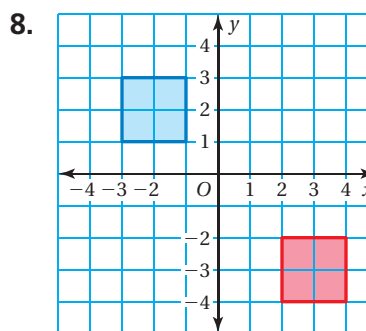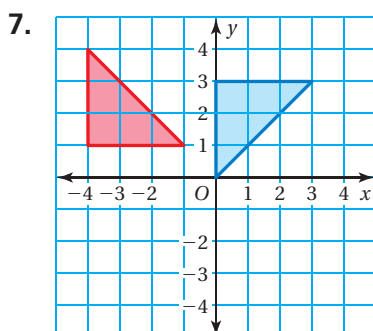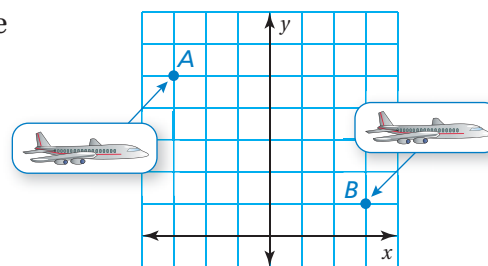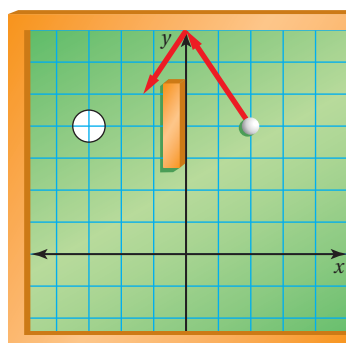**Tell whether the blue figure is a reflection of the red figure.**   *(Section 2.3)*

5.

6.
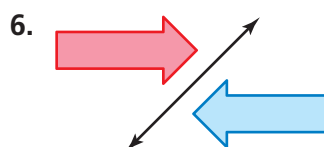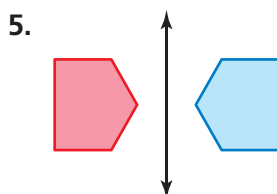
The red figure is congruent to the blue figure. Describe two different sequences of transformations in which the blue figure is the image of the red figure.   *(Section 2.4)*

7.

8.

9. AIRPLANE Describe a translation of the airplane from point A to point B.   *(Section 2.2)*

10. MINIGOLF You hit the golf ball along the red path so that its image will be a reflection in the y-axis. Does the golf ball land in the hole? Explain.   *(Section 2.3)*