Section 6.3 Extra Practice
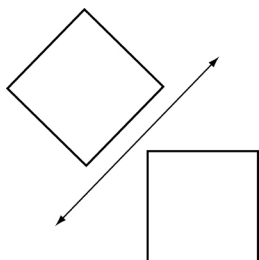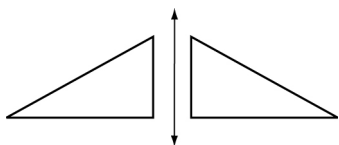
1. Which of these transformations represent a reflection?
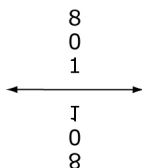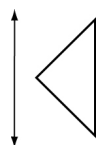
a)

b)
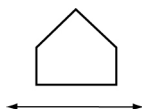
c)

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8
0
1

I
0
8
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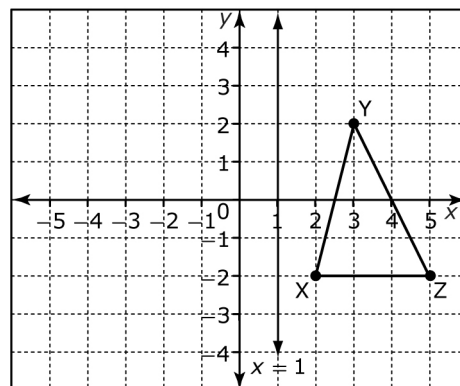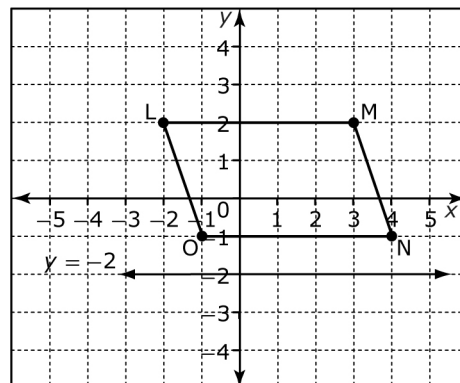**2.** Reflect each shape.

a)

b)

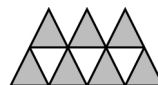**3.** Reflect each figure over the line of reflection.

a)

b)

4. Draw a reflection of your phone number and check that it reads properly in a mirror.

5. Describe the transformation used to create each pattern.
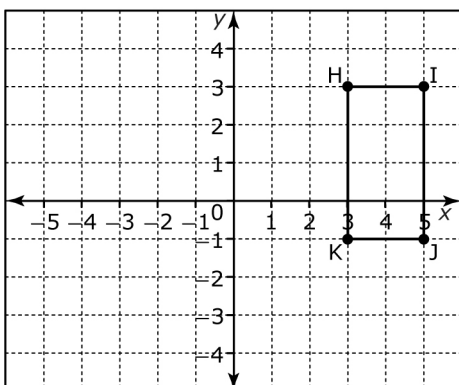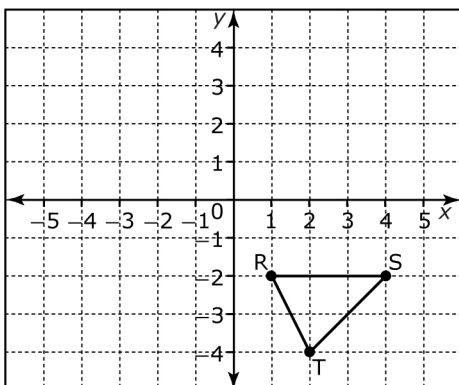
a)   **b)**

6. a) Draw a line of reflection at
   $x = 2$. Then, reflect the
   rectangle over it.
   b) Translate the reflected image
   4 units down.

7. a) Draw a line of reflection at
   $x = -1$. Then, reflect the
   triangle over it.
   b) Translate the reflected image
   5 units up.

8. Use the tiles to create a pattern
   that covers a 6 by 6 grid.

a)

b)