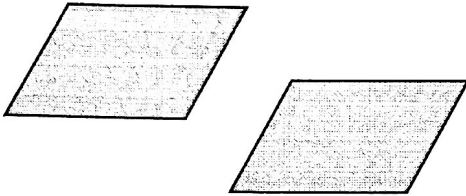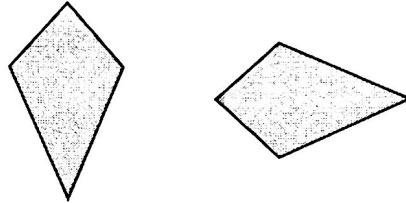## 2.2 Practice A

Tell whether the right figure is a translation of the left figure.
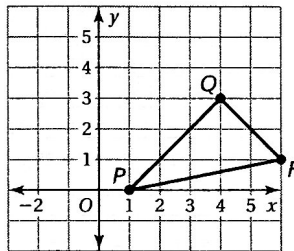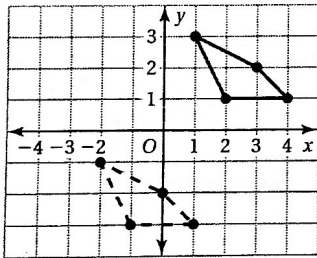
1.

2.

3. Translate the triangle 3 units left and 2 units up. What are the coordinates of the image?

The vertices of a triangle are $A(-2, 0)$, $B(0, 3)$, and $C(2, 2)$. Draw the figure and its image after the translation.

4. 4 units down

5. 2 units right and 1 unit up

6. Describe the translation from the solid line figure to the dashed line figure.

7. In Exercise 6, describe the translation from the dashed line figure to the solid line figure.