6-7 Standardized Test Prep
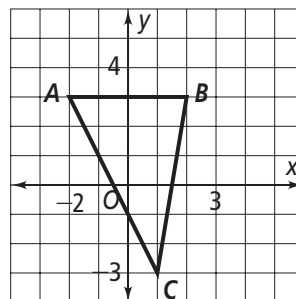
Polygons in the Coordinate Plane

Multiple Choice

For Exercises 1–4, choose the correct letter.
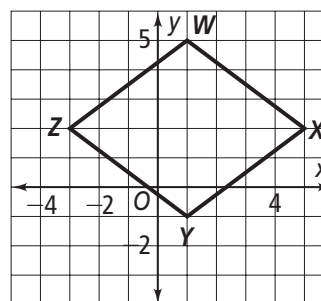
1. What kind of triangle is this?

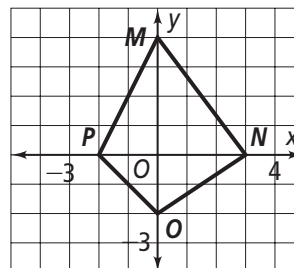   Ⓐ right

   Ⓑ equilateral

   Ⓒ isosceles

   Ⓓ scalene

2. What is the most accurate description of the polygon at the right?

   Ⓕ rhombus

   Ⓖ square

   Ⓗ rectangle

   Ⓘ parallelogram

3. What is the most accurate description of the polygon at the right?

   Ⓐ rhombus   Ⓒ kite

   Ⓑ trapezoid   Ⓓ quadrilateral

4. What kind of triangle is made by connecting the points $A(0, -6)$, $B(3, -6)$, and $C(3, -2)$?

   Ⓕ equilateral   Ⓗ isosceles

   Ⓖ right   Ⓘ right and isosceles

Short Response

5. What type of quadrilateral is formed by connecting the points $(0, 9)$, $(3, 6)$, $(0, 1)$, and $(-3, 6)$? Explain.