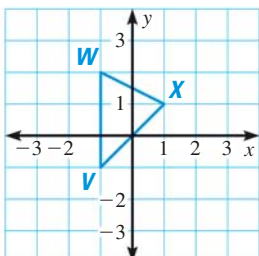


# 5 TAKS PRACTICE

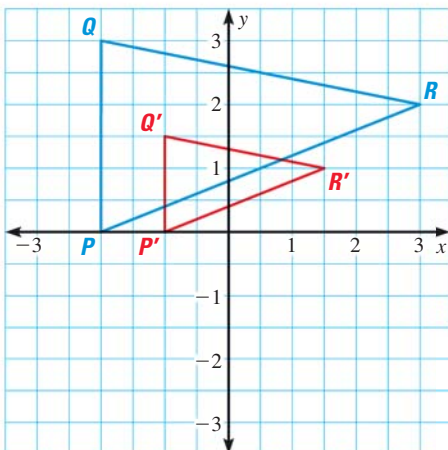
## PRACTICE FOR TAKS OBJECTIVE 6

1.  $\triangle VWX$  is translated 2 units to the left and 3 units up. Find the coordinates of  $V'$ .



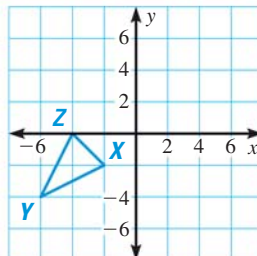
- A  $(-3, -4)$
- B  $(-3, 2)$
- C  $(1, -4)$
- D  $(1, 2)$

2.  $\triangle PQR$  is dilated to form  $\triangle P'Q'R'$ . What is the scale factor of the dilation?



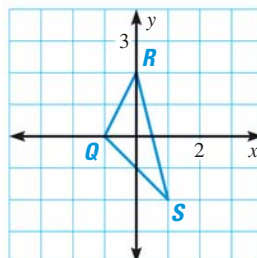
- F  $\frac{1}{4}$
- G  $\frac{1}{3}$
- H  $\frac{1}{2}$
- J  $\frac{2}{3}$

3. Find the coordinates of the vertices of  $Y'$  if  $\triangle XYZ$  is reflected across the  $x$ -axis.



- A  $(-6, 4)$
- B  $(-3, 2)$
- C  $(6, -4)$
- D  $(6, 4)$

4. If  $\triangle QRS$  is dilated with a scale factor of 2, what are the coordinates of the vertices of  $\triangle Q'R'S'$ ?



- F  $Q'(-2, 0), R'(0, 4), S'(2, -4)$
- G  $Q'(-2, 0), R'(2, 4), S'(-2, 4)$
- H  $Q'(-1, 0), R'(0, -2), S'(1, 2)$
- J  $Q'(1, 0), R'(0, 2), S'(-1, 2)$

## MIXED TAKS PRACTICE

5. A parking meter accepts nickels, dimes, and quarters. You can buy 15 minutes of time on the meter for \$0.25. How long can you park if you put \$2.10 into the meter? *TAKS Obj. 9*
- A 1 h 50 min
  - B 2 h 6 min
  - C 2 h 10 min
  - D 2 h 24 min