SCORE ___

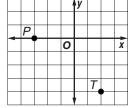
Chapter 4 Quiz

(Lessons 4–1 and 4–2)

Write the ordered pair for each point shown. Name the quadrant in which the point is located.



2. T



For Questions 3 and 4, identify each transformation as a reflection,

translation, dilation, or rotation.

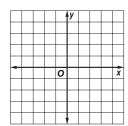








5. Find the coordinates of the vertices of triangle *ABC* with A(1, 2), B(3, 3), and C(3, -1), after the triangle is reflected over the y-axis. Then graph the preimage and its image.



NAME _

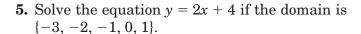
Chapter 4 Quiz

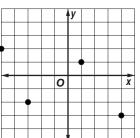
(Lessons 4–3 and 4–4)

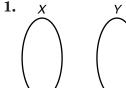


SCORE _

- **1.** Express the relation $\{(3, 5), (-4, 6), (3, 8), (2, 4), (1, 3)\}$ as a mapping. Then determine the domain and range.
- **2.** Express the relation shown in the graph as a set of ordered pairs. Then write the inverse of the relation.
- **3.** Find the solution set for y = 4x 3, given the replacement set $\{(-3, 9), (-2, -11), (0, -2), (2, 5)\}.$
- **4.** Solve 3x 2y = -6 if the domain is $\{-2, -1, 0, 2, 3\}.$







2.

3.	

