10 Quadratic Equations and Functions

TEXAS

Before

In previous chapters, you learned the following skills, which you'll use in Chapter 10: reflecting points in a line and finding square roots.

Prerequisite Skills

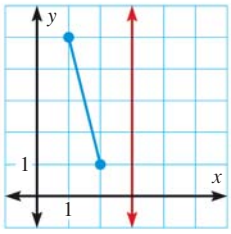
VOCABULARY CHECK

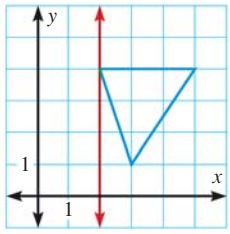
Copy and complete the statement.

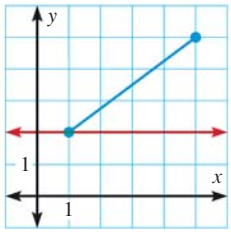
1. The x-coordinate of a point where a graph crosses the x-axis is a(n) __?__.
2. A(n) __?__ is a function of the form $y = a \cdot b^x$ where $a \neq 0$, $b > 0$, and $b \neq 1$.

SKILLS CHECK

Draw the blue figure. Then draw its image after a reflection in the red line. *(Review p. 922 for 10.1–10.3.)*

3. 

4. 

5. 

Evaluate the expression. *(Review p. 110 for 10.4–10.6.)*

6. $\sqrt{81}$
7. $-\sqrt{25}$
8. $\sqrt{1}$
9. $\pm\sqrt{64}$

TEXAS @HomeTutor Prerequisite skills practice at classzone.com