



SKILL PRACTICE

- **1. VOCABULARY** Copy and complete: When you perform quadratic regression on a set of data, the quadratic model obtained is called the <u>?</u>.
- **2. WRITING** *Describe* how to write an equation of a parabola if you know three points on the parabola that are not the vertex or *x*-intercepts.

WRITING IN VERTEX FORM Write a quadratic function in vertex form for the parabola shown.



EXAMPLE 2

on p. 309 for Exs. 16–26



