

### Check It Out! Example 2b Continued

**Step 2** The distance from the focus  $(0, -7)$  to the vertex  $(0, 0)$  is 7, so  $p = -7$  and  $4p = -28$ .

**Step 3** The equation of the parabola is  $y = -\frac{1}{28}x^2$ .

#### Check

Use your graphing calculator.

