

### 6.8

### Practice

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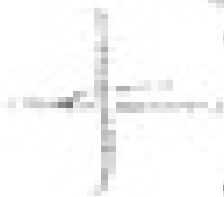
Graph each function.

1.  $f(x) = \frac{1}{2}x^2 - 3$

Graph

2.  $f(x) = x^2 + 4$

Graph



3.  $f(x) = \frac{1}{3}x^3 - 2$

Graph

4.  $f(x) = \frac{1}{4}x^4 - 1$

Graph



Use a graphing calculator to graph each function. Be sure to label the axes.

5.  $f(x) = x^2 + 1$

Graph

6.  $f(x) = x^2 - 1$

Use a graphing calculator to graph each function. Be sure to label the axes.

Graph

7.  $f(x) = x^2 + 2x + 1$

Graph

Graph each function.

8.  $f(x) = x^2 + 1$

Graph

9.  $f(x) = x^2 - 1$

