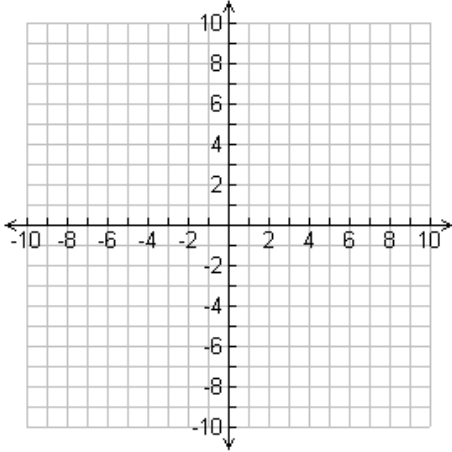# Key Features Homework

1. Graph:
$$f(x) = \frac{1}{2}x^2$$

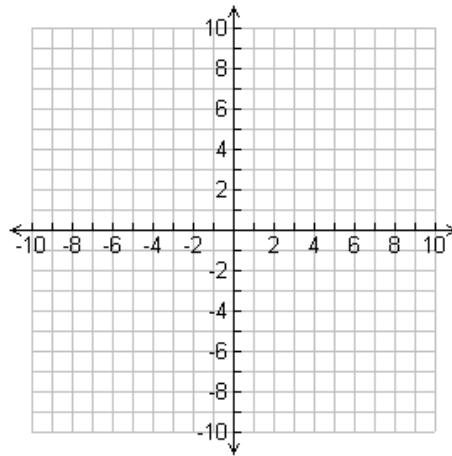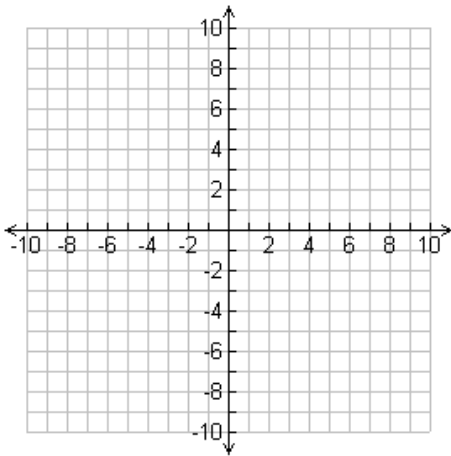| x	f(x)

2. Find g(3)

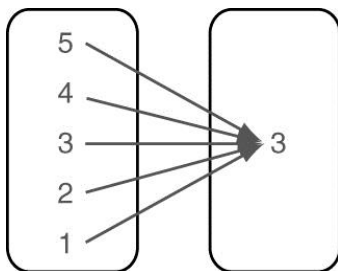3. Find x when g(x) = 3
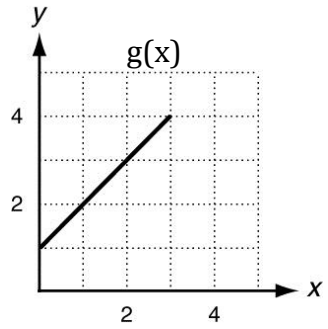
4. Draw a graph that is increasing then decreasing then increasing and has x intercepts of -2, 3, and 8.

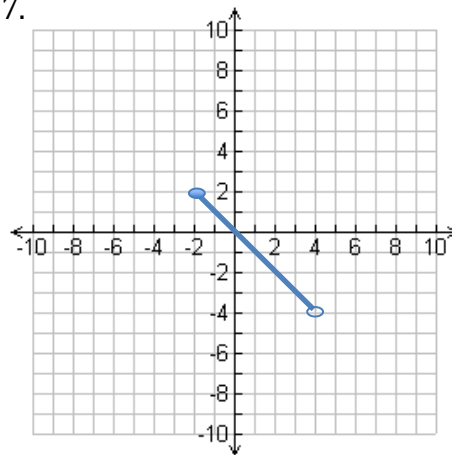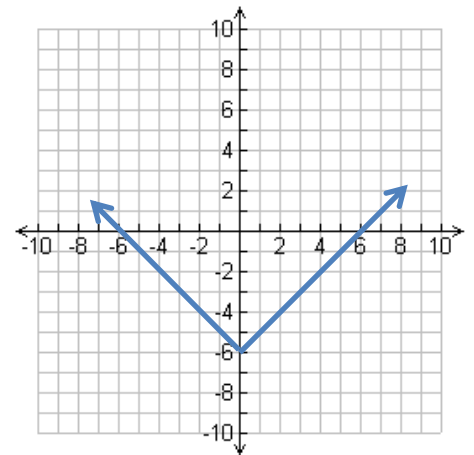5. Draw a graph that is decreasing at a constant slope (slope remains the same) and has a y intercept of 4.

6.

Domain:

Range:

7.

Domain:

Range:

8.

Domain:

Range: