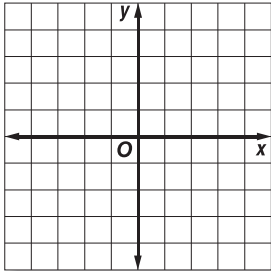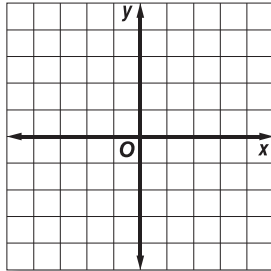## 4-7 Practice

Functions and Graphs

Graph each equation.
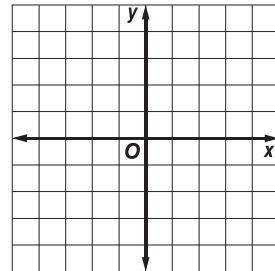
1. $y = x - 2$

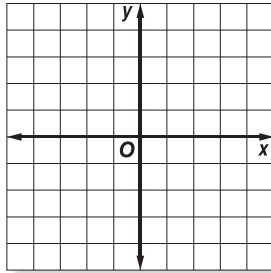**2.** $y = -x$

3. $y = 2x - 1$

4. $y = 0.75x$
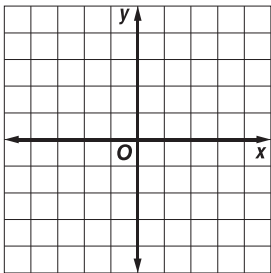
5. $y = x - 0.5$

6. $y = 0.5x + 2$
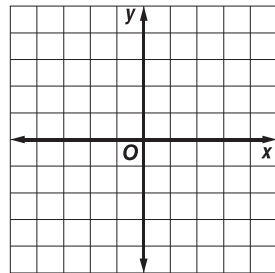
Graph the function represented by each table.

7.

x	y
0	3.5
1	2.5
2	1.5
3	0.5
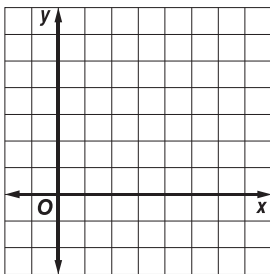
8.

x	y
1	6
0	4.5
−1	3
−2	1.5
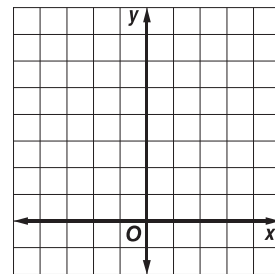
9. PRESSURE Ocean pressure increases about one atmosphere for every 10 meters of water depth. This can be represented by the function $p = 0.1d$ where p represents the pressure in atmospheres at a depth d. Represent this function with a graph.