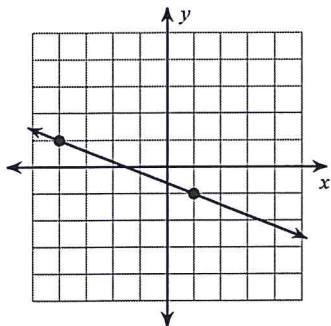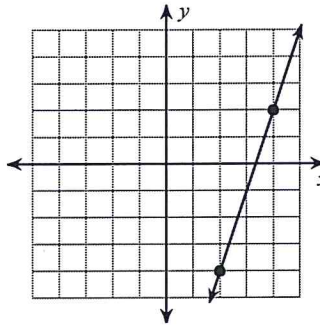Geometry

Name_____

Parallel and Perpendicular Lines WS

Period____

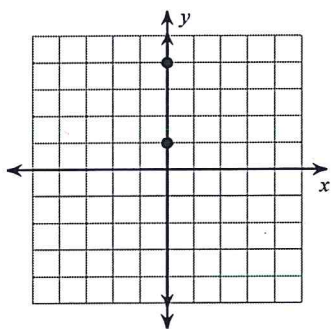**Fins the slope of each line, and the slope of a line perpendicular to this line.**
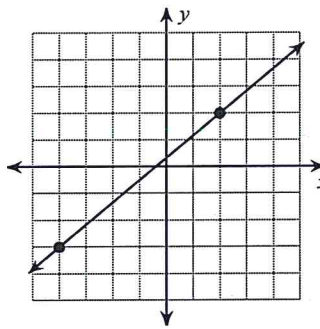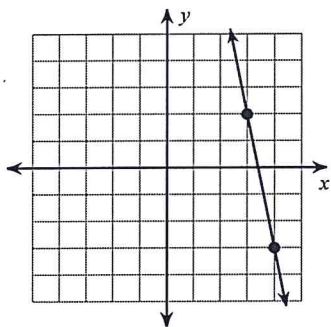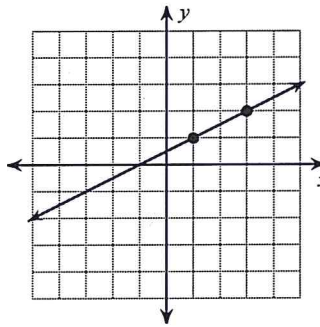
1)

2)

3)

4)

5)

6)

Find the slope of a line parallel to each given line.

7) $y = -\dfrac{1}{2}x + 1$

8) $x = -3$

9) $y = -\dfrac{2}{3}x - 4$

10) $y = \dfrac{7}{4}x - 2$

11) $y = \dfrac{1}{3}x + 4$

12) $y = -3x + 2$

Find the slope of a line perpendicular to each given line.

13) $y = \dfrac{1}{2}x - 1$

14) $y = -2x - 5$

15) $y = -6x + 2$

16) $y = -6x - 2$

17) $y = \dfrac{3}{2}x$

18) $y = -\dfrac{1}{3}x + 3$