Practice for slope, y-intertcept, and writing equations

Write the slope-intercept form of the equation of each line given the slope and y-intercept.

1) Slope $= -1$, y-intercept $= -5$
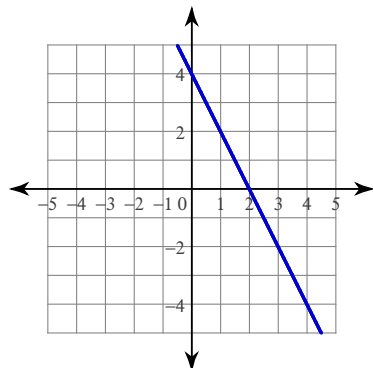
2) Slope $= -1$, y-intercept $= -1$

3) Slope $= \dfrac{3}{2}$, y-intercept $= 0$
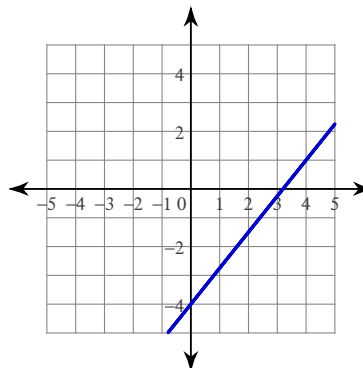
4) Slope $= -\dfrac{3}{4}$, y-intercept $= -4$

5) Slope $= -\dfrac{3}{5}$, y-intercept $= 2$

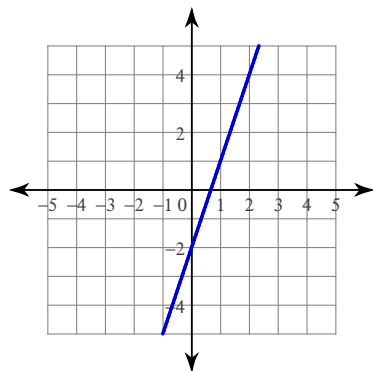**Find the slope and y-intercept of each line. Write the equation of the line.**
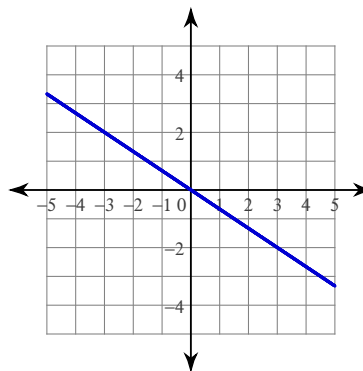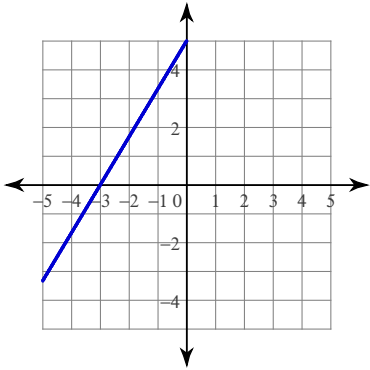
6)

7)

8)

9)

$-1-$

10)

Answers to Practice for slope, y-intertcept, and writing equations

1) $y = -x - 5$

2) $y = -x - 1$

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

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

5) $y = -\dfrac{3}{5}x + 2$

6) $y = -2x + 4$

7) $y = \dfrac{5}{4}x - 4$

8) $y = 3x - 2$

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

10) $y = \dfrac{5}{3}x + 5$