

0.1 Quiz: Slope, graphing linear equations

1. Write down the slope and y -intercept of each linear equation.

(a) $y = \frac{5}{2}x + 9.$

slope:

y -intercept:

(b) $y = -x + 1.$

slope:

y -intercept:

(c) $2x + 2y = 14?$

slope:

y -intercept:

(d) $-2x + y = 1?$

slope:

y -intercept:

2. What is the slope of a line parallel to the line $x - 3y = 15?$

3. Graph and label the two equations. Mark their intersection as an ordered pair.

$$y = x + 7$$

$$4x + 5y = -10$$

