BECA / Dr. Huson / Geometry 01-Intro   Name:
pset ID: 1

1-1DNQ-Distance+slope

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.

$y = x + 7$ $\qquad\qquad\qquad\qquad\qquad\qquad$ $4x + 5y = -10$