

**Quiz #6 Practice****Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

1) Slope =  $-\frac{2}{3}$ , y-intercept = 0

2) Slope =  $-\frac{1}{4}$ , y-intercept = 0

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

4) Slope =  $\frac{1}{5}$ , y-intercept = 1

5) Slope =  $-\frac{3}{2}$ , y-intercept = 1

6) Slope = 0, y-intercept = 2

7) Slope =  $\frac{7}{2}$ , y-intercept = 2

8) Slope =  $\frac{5}{4}$ , y-intercept = 3

9) Slope =  $\frac{1}{2}$ , y-intercept = -1

10) Slope =  $-\frac{2}{5}$ , y-intercept = -5

**Write the slope-intercept form of the equation of the line through the given points.**

11) through: (2, -1) and (0, -2)

12) through: (0, -5) and (5, 5)

13) through: (0, 1) and (-5, -3)

14) through: (-2, 2) and (0, -4)

15) through: (-1, 1) and (0, 5)

16) through: (0, 4) and (-3, -5)

17) through: (5, 1) and (0, -3)

18) through: (0, -3) and (-5, -1)

19) through: (-4, -2) and (0, -2)

20) through: (0, 3) and (-5, -1)