**Write the equation of a line in slope intercept form with the given slope and y-intercept or through the given points**

1) m = 3/7 2) (-3, 7) and (1,2)
 b = -1

1) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Write the equation in standard form**

3) (6/5)y = (-4/5)x + 2 4) -2y = (7/3)x – 3

3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Write an equation in standard form for the line through the given points or through the given point with the given slope.**

5) (3, -2) and m = -4/3 6) (3, 6) and m = 3

5) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Write the following equations:**

7) (3, -1) and (-6, -4) Slope: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Slope-intercept Form: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Standard Form: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8) Write the equation of the line in slope-intercept from that passes through (3, 2)

 and is parallel to the line y = 3x + 4.

9) Write the equation of the line in slope-intercept form that passes through (4, -1)

 and is perpendicular to y = 2x – 4.

10) Decide if the two lines are parallel, perpendicular, or neither. 2x – 3y = 10

 3x + 2y = 5