

Name _____

Section _____

- Identify the slope and y intercept of the following equations.
- Graph the equations on a separate sheet of graph paper

1) $y = 2x + 4$
 $m =$
 $b =$

2) $y = 3x - 2$
 $m =$
 $b =$

3) $y = -\frac{2}{3}x + 1$
 $m =$
 $b =$

4) $y = -\frac{1}{7}x + 7$
 $m =$
 $b =$

5) $y = -3x + 2$
 $m =$
 $b =$

6) $y = \frac{3}{5}x - 4$
 $m =$
 $b =$

Re-arrange the following equations into $y = mx + b$ form

7) $y - 2x = 3$

8) $2y + 6 = x$

9) $2x = 2y - 8$

On a separate sheet of graph paper, graph the following equation:

10) $16 = 10x - 4y$