

Parallel and Perpendicular Lines Worksheet

Answer the following questions using :

Slope – intercept form  $y = mx + b$

Point – slope form  $y = m(x - a) + b$

Find the equation of the parallel line that passes thru the given information

1.  $m = \frac{2}{3}$  thru  $(3, 6)$

2.  $m = -4$  thru  $(3, -2)$

3.  $m = \frac{-2}{5}$  thru  $(-1, 3)$

4.  $m = \frac{1}{4}$  thru  $(6, -2)$

5.  $m = 3$  thru  $(-8, -4)$

