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 $(-8, -4)$