Worksheet # 2 Finding the Equation of a Line When Given the Slope (m) and One Point ( x, y ).

Find the equations for the following lines:

1. m = $\frac{8}{3}$ and passes through (- $\frac{3}{2}$ , 6 )
2. m = $\frac{2}{5}$ and passes through ( -2, -2 )
3. m = 4 and passses through ( $\frac{3}{4}$ , - $\frac{2}{5}$ )
4. m = - $\frac{1}{3}$ and passes through ( $\frac{1}{2}$ , - $\frac{1}{2}$ )
5. m = $\frac{9}{5}$ and passes through ( - $\frac{5}{3}$ , $\frac{2}{3}$ )