Name : _____

Score : _____

Equation of a Line

Part - A

Write the equation of the line whose slope and the point through which it passes are given. Express the equation in slope-intercept form.

1) $\left(\dfrac{1}{9}, -2\right)$ and slope $m = 3$

2) $\left(-\dfrac{5}{2}, -9\right)$ and slope $m = \dfrac{1}{4}$

3) $\left(-\dfrac{3}{5}, \dfrac{7}{2}\right)$ and slope ... slope $m = 6$

5) $\left(-1, -\dfrac{8}{3}\right)$ and slope ... slope $m = -9$

1) Find the equatio... ircle at the point $\left(\dfrac{2}{7}, 5\right)$.

2) Find the equation of the line that cuts the y-axis at $\left(0, -\dfrac{1}{2}\right)$ and whose slope is 8.