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)   (6, 2) and slope m = 8

2)   (−9, 2) and slope $m = \dfrac{5}{7}$

3)   (−3, 1) and slope m = −6

4)   (−8, −1) and slope $m = -\dfrac{2}{9}$

5)   (5, −4) and slope m   m = −9

7)   (−7, −4) and slope   m = 1

1)   Find the equation   pe is $-\dfrac{5}{2}$.

2)   If the slope of the line is −1 and passes through the point (−4, 5). Find the equation of the line.