

Equation of a Line

Slope Intercept: L1S1

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) (5, 8) and slope $m = 7$

2) (1, -6) and slope $m = -2$

3) (-1, 3) and slope $m = \frac{1}{r}$

4) (-7, -9) and slope $m = 8$

5) (4, -2) and slope $m = 3$

7) (-9, -1) and slope $m = -\frac{2}{3}$

1) Find the equation of the line that passes through the point (2, 3) and whose slope is $\frac{1}{7}$.

2) Find the equation of the line u that passes through the point (-2, 8) and whose slope is 1.

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