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)   (7, −2) and slope m = −2

2)   (−4, 5) and slope m = 7

3)   (−2, −8) and slope m = 4

4)   (1, 7) and slope m = $-\dfrac{1}{3}$

5)   (−9, 3) and slope m

m = 6

7)   (1, 4) and slope m

m = 2

1)   If the slope of the

e equation of the line.

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2)   Find the equation of the line that cuts the y-axis at (0, 9) and whose slope is 5.

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