Equation of a Line

Part - A

Find the equation of the line passing through the given points. Express the equation in slope-intercept form.

1) (−3, 5) and (6, −7)

2) (−2, 9) and (−7, 8)

3) (0, −8) and (−1, −1)

4) (−5, −6) and (5, −3)

5) (2, 3) and (4, 1)

7) (−9, −2) and (−6, 1)

1) A line cuts the x-axis at x = 4 and passes through the point (3, 6). Find the equation of the line.

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2) Find the equation of the line passing through the points (−8, −5) and (−1, −3).

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