Equation of a Line

Part - A

Find the equation of the line passing through the given points. Express the equation in standard form.

1)   (1, −6) and (−7, 2)

2)   (4, 5) and (−3, −1)

3)   (−7, −9) and (−3, −4)

4)   (2, −8) and (−6, −3)

5)   (−9, 6) and (0, 3)

6)   (3, 0) and (7, 1)

7)   (8, 5) and (6, −7)

8)   (2, 1) and (−4, −2)

Part - B

1)   Find the equation of the line passing through the points (−5, −8) and (6, −4).

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2)   A line cuts the y-axis at (0, −6) and passes through the point (9, −3). Find the equation of the line.

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