# Equation of a Line

**Part - A**

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

1) $\left(-1, \dfrac{9}{2}\right)$ and $\left(\dfrac{5}{3}, 7\right)$

2) $\left(\dfrac{6}{5}, -\dfrac{1}{2}\right)$ and $\left(\dfrac{8}{5}, -7\right)$

3) $\left(7, -\dfrac{1}{3}\right)$ and $\left(-8, \dfrac{5}{6}\right)$ ... $\left(1, -\dfrac{1}{9}\right)$

5) $\left(-\dfrac{3}{4}, \dfrac{8}{9}\right)$ and $\left(\dfrac{1}{2}, -\right.$ ... $\left(2, \dfrac{4}{3}\right)$

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1) Find the equation ... , 4).

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2) A line cuts the x-axis at $\left(-\dfrac{3}{8}, 0\right)$ and passes through the point $\left(-\dfrac{9}{4}, -\dfrac{1}{6}\right)$. Find the equation of the line.

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