Equation of a Line
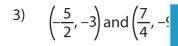
Part - A

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

1) $\left(2, \dfrac{1}{3}\right)$ and $\left(4, \dfrac{5}{6}\right)$

2) $\left(\dfrac{2}{5}, -\dfrac{7}{6}\right)$ and $\left(-\dfrac{1}{2}, -\dfrac{1}{4}\right)$

3) $\left(-\dfrac{5}{2}, -3\right)$ and $\left(\dfrac{7}{4}, -\right.$

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

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

$\left(9, -\dfrac{5}{4}\right)$

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1) Find the equation

$\left(-, 7\right)$.

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