Name : _____ Score : _____

Equation of a Line

Slope Intercept: L2S2

Part - A

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

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

2) $\left(-\frac{3}{2}, -\frac{4}{3}\right)$ and $\left(-\frac{5}{4}, -1\right)$

3) $\left(-\frac{2}{3}, 8\right)$ and $\left(-\frac{5}{6}\right.$ $\left(\frac{9}{2}, -\frac{7}{6}\right)$

5) $\left(\frac{8}{3}, \frac{3}{4}\right)$ and $\left(-\frac{1}{6},\right.$ $-2, -\frac{3}{2}\right)$

1) Find the equatic : y-axis at $y = \frac{9}{7}$.

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2) A line cuts the y-axis at $\left(0, \frac{4}{3}\right)$ and passes through the point $\left(-\frac{5}{4}, -1\right)$. Find the equation of the line.

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