## Equation of a Line

### Part - A

Write the equation of the line whose slope and the point through which it passes are given. Express the equation in standard form.

1)  $\left(\dfrac{7}{2}, -4\right)$ and slope m = −8

2)  $\left(\dfrac{5}{4}, 8\right)$ and slope m = $\dfrac{7}{2}$

3)  $\left(-\dfrac{3}{5}, -\dfrac{9}{4}\right)$ and slo[...]                                   slope m = −3

5)  $\left(-8, \dfrac{6}{7}\right)$ and slope[...]                                   slope m = 7

1)  Find the equatio[...]                                   slope is $-\dfrac{1}{2}$.

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2)  If the slope of the line is 4 and passes through the point $\left(-\dfrac{6}{5}, 9\right)$. Find the equation of the line.

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