

Equation of a Line

L2S2

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) $\left(-\frac{4}{5}, 3\right)$ and slope $m = -6$

2) $\left(-\frac{3}{7}, -2\right)$ and slope $m = -\frac{4}{3}$

3) $\left(\frac{1}{2}, \frac{8}{3}\right)$ and slope

slope $m = 2$

5) $\left(-9, -\frac{5}{6}\right)$ and slope

slope $m = -\frac{9}{2}$

1) Find the equation

slope is -5 .

PREVIEW

Gain complete access to the largest
collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

www.mathworksheets4kids.com

2) Find the equation of the tangent whose slope is $-\frac{1}{8}$ and touches the circle at the point $\left(\frac{2}{5}, -4\right)$.
