

## Equation of a Line

Slope Intercept: L1S5

### Part - A

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

1) (6, 2) and slope  $m = 8$

2) (-9, 2) and slope  $m = \frac{5}{7}$

3) (-3, 1) and slope  $m = -6$

4) (-8, -1) and slope  $m = -\frac{2}{9}$

5) (5, -4) and slope  $m = -9$

7) (-7, -4) and slope  $m = 1$

1) Find the equation

slope is  $-\frac{5}{2}$ .

\_\_\_\_\_

2) If the slope of the line is  $-1$  and passes through the point  $(-4, 5)$ . Find the equation of the line.

\_\_\_\_\_

# 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