

**Equation-Intercepts**

Sheet 1

**Part - A**

Find the equation of the line with the given x and y intercepts.

1) x-intercept =  $\frac{5}{4}$  ; y-intercept = 6

2) x-intercept = -6 ; y-intercept = -6

3) x-intercept = -8 ; y-intercept = 8

4) x-intercept = 5 ; y-intercept =  $\frac{2}{3}$

5) x-intercept = 9 ; y-intercept =  $-\frac{3}{4}$

6) x-intercept = -2 ; y-intercept = 4

7) x-intercept = -1 ; y-intercept = -7

8) x-intercept =  $\frac{3}{2}$  ; y-intercept =  $-\frac{5}{6}$

**Part - B**

1) Find the equation of the line which cuts the x-axis at (10, 0) and the y-axis at (0, 1).

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2) A line  $p$  has the x and y intercepts -2 and -8 respectively. Find the equation of the line  $p$ .

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