

**Equation of a Line**

Slope Intercept: L1S2

**Part - A**

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

1)  $(-3, 5)$  and  $(6, -7)$

2)  $(-2, 9)$  and  $(-7, 8)$

3)  $(0, -8)$  and  $(-1, -1)$

4)  $(-5, -6)$  and  $(5, -3)$

5)  $(2, 3)$  and  $(4, 1)$

7)  $(-9, -2)$  and  $(-6, 1)$

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1) A line cuts the x-axis at  $x = 4$  and passes through the point  $(3, 6)$ . Find the equation of the line.

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2) Find the equation of the line passing through the points  $(-8, -5)$  and  $(-1, -3)$ .

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