

**Equation of a Line**

Slope Intercept: L1S1

**Part - A**

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

1)  $(-4, -7)$  and  $(-6, 9)$

2)  $(-1, 0)$  and  $(4, -5)$

3)  $(5, 5)$  and  $(-2, -2)$

4)  $(2, 8)$  and  $(1, 3)$

5)  $(7, -3)$  and  $(6, -8)$

7)  $(-9, 6)$  and  $(0, 1)$

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1) Find the equation of the line passing through the points  $(7, 2)$  and  $(9, 1)$ .

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2) Find the equation of the line  $u$  that cuts the x-axis at  $x = -6$  and the y-axis at  $y = -4$ .

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