

**Equation of a Line**

L1S3

**Part - A**

Find the equation of the line passing through the given points. Express the equation in standard form.

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

2)  $(9, 4)$  and  $(-7, 0)$

3)  $(-8, 2)$  and  $(-2, -5)$

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

5)  $(3, 1)$  and  $(1, 8)$

7)  $(-4, 8)$  and  $(-8, 2)$

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1) A line cuts the y-axis at  $(0, 1)$  and passes through the point  $(3, -2)$ . Find the equation of the line.

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2) Find the equation of the line passing through the points  $(-7, 3)$  and  $(9, -6)$ .

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