

## Equation of a Line

### Part - A

Find the equation of the line with the given slope and the y-intercept.

1) slope = 8 ; y-intercept = -9

2) slope = -3 ; y-intercept =  $\frac{1}{7}$

3) slope = -6 ; y-intercept =  $-\frac{1}{3}$

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

5) slope =  $\frac{4}{9}$  ; y-intercept = -6

y-intercept = -6

7) slope = 2 ; y-intercept = 7

y-intercept = 7

# PREVIEW

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1) Find the equation of a line whose slope is 8 and has the y-intercept 2.

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2) If the slope of a line  $v$  is 5 and it cuts the y-axis at  $y = -3$ , find the equation of the line  $v$ .

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