

Equation of a Line

Sheet 5

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

intercept = -6

7) slope = 2 ; y-intercept = 7

intercept = 7

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

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

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 .

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

$$y = 8x - 9$$

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

$$y = -3x + \frac{1}{7}$$

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

$$y = -6x - \frac{1}{3}$$

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

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

$$y = \frac{4}{9}x + 7$$

7) slope = 2 ; y-intercept = 7

$$y = 2x + 5$$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

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

$$\underline{y = 8x + 2}$$

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 .

$$\underline{y = 5x - 3}$$