

Equation-Intercepts

Part - A

Find the equation of the line with the given x and y intercepts.

1) x-intercept = -2 ; y-intercept = -8

2) x-intercept = -1 ; y-intercept = $-\frac{1}{2}$

3) x-intercept = $\frac{9}{5}$; y-intercept = $-\frac{1}{4}$

4) x-intercept = $\frac{1}{7}$; y-intercept = $-\frac{1}{3}$

5) x-intercept = $\frac{5}{3}$; y-

y-intercept = 3

7) x-intercept = -4 ; y-

y-intercept = 2

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1) Find the equation of the line which cuts the x-axis at $(-4, 0)$ and the y-axis at $(0, -2)$.

2) A line m has the x and y intercepts 3 and -7 respectively. Find the equation of the line m .

Equation-Intercepts

Part - A

Find the equation of the line with the given x and y intercepts.

1) x-intercept = -2 ; y-intercept = -8

2) x-intercept = -1 ; y-intercept = $-\frac{1}{2}$

$4x + y = -8$

$x + 2y = -1$

3) x-intercept = $\frac{9}{5}$; y-intercept = $-\frac{1}{4}$

4) x-intercept = $\frac{1}{7}$; y-intercept = $-\frac{1}{3}$

$5x - 36y = 9$

5) x-intercept = $\frac{5}{3}$; y-

y-intercept = 3

$18x + 5y = 30$

7) x-intercept = -4 ; y-

y-intercept = 2

$9x - 4y = -36$

1) Find the equation of the line which cuts the x-axis at (-4, 0) and the y-axis at (0, -2).

$x + 2y = -4$

2) A line m has the x and y intercepts 3 and -7 respectively. Find the equation of the line m .

$7x - 3y = 21$

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