

Equation-Intercepts

Part - A

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

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

2) x-intercept = $-\frac{5}{2}$; y-intercept = $\frac{7}{4}$

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

4) x-intercept = -8 ; y-intercept = -6

5) x-intercept = $\frac{2}{3}$; y-

y-intercept = $-\frac{3}{7}$

7) x-intercept = $-\frac{6}{7}$;

y-intercept = $\frac{1}{9}$

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1) Find the equation of the line which cuts the x-axis at $(-3, 0)$ and the y-axis at $(0, 7)$.

2) A line n has the x and y intercepts -8 and 5 respectively. Find the equation of the line n .

Equation-Intercepts

Part - A

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

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

2) x-intercept = $-\frac{5}{2}$; y-intercept = $\frac{7}{4}$

$15x + 4y = -12$

$14x - 20y = -35$

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

4) x-intercept = -8 ; y-intercept = -6

$9x - 4y = -9$

5) x-intercept = $\frac{2}{3}$; y-

y-intercept = $-\frac{3}{7}$

$12x + 5y = 8$

7) x-intercept = $-\frac{6}{7}$;

y-intercept = $\frac{1}{9}$

$35x + 6y = -30$

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1) Find the equation of the line which cuts the x-axis at $(-3, 0)$ and the y-axis at $(0, 7)$.

$7x - 3y = -21$

2) A line n has the x and y intercepts -8 and 5 respectively. Find the equation of the line n .

$5x - 8y = -40$
