

Equation-Intercepts

Part - A

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

1) x-intercept = 3 ; y-intercept = $\frac{6}{7}$

2) x-intercept = -4 ; y-intercept = 2

3) x-intercept = -2 ; y-intercept = -5

4) x-intercept = $-\frac{3}{2}$; y-intercept = 8

5) x-intercept = -9 ; y

y-intercept = -4

7) x-intercept = $-\frac{1}{5}$;

y-intercept = $\frac{9}{5}$

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1) A line l has the x and y intercepts 5 and 6 respectively. Find the equation of the line l .

2) Find the equation of the tangent whose x-intercept is -9 and touches the circle at the point (0, 3).
