

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 = $\frac{9}{5}$

PREVIEW

Access the largest collection of
worksheets for just **\$19.95** per year!

Members, please
log in to
download this
worksheet.

Log in

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

Sign up

www.mathworksheets4kids.com

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).

Equation-Intercepts

Sheet 4

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

$2x + 7y = 6$

$x - 2y = -4$

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

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

$5x + 2y = -10$

5) x-intercept = -9 ; y

y-intercept = -4

$x + 18y = -9$

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

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

$10x - 3y = -2$

PREVIEW

Access the largest collection of
worksheets for just **\$19.95** per year!

Members, please
log in to
download this
worksheet.

Log in

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

Sign up

www.mathworksheets4kids.com

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

$6x + 5y = 30$

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

$x - 3y = -9$