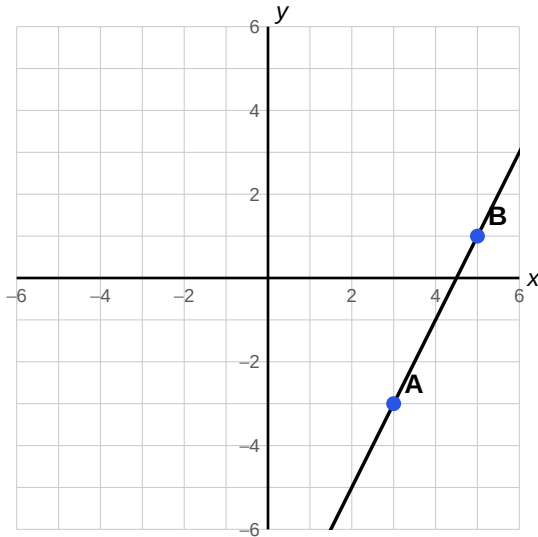


Slope from a graph

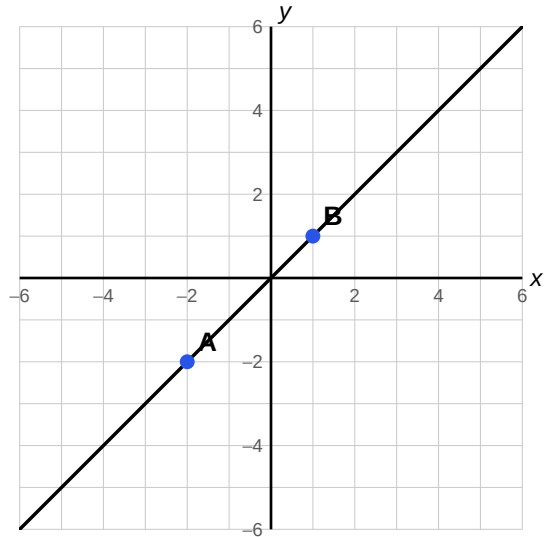
Find the slope of each line. Use the marked points.

1.



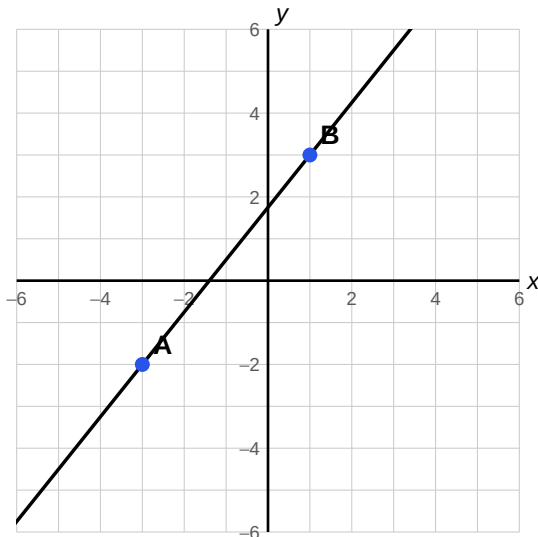
Slope = 2

2.



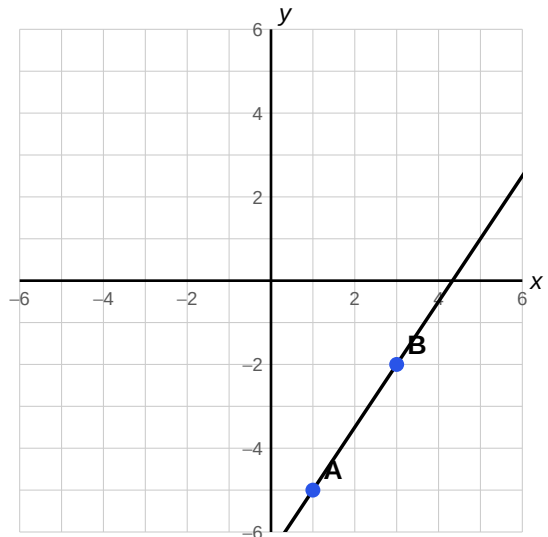
Slope = 1

3.



Slope = $\frac{5}{4}$

4.



Slope = $\frac{3}{2}$

Slope from two points

Find the slope of the line through each pair of points.

1.

A(-7, -4) and B(9, -8)

Slope = $-\frac{1}{4}$

2.

A(0, -9) and B(-1, 6)

Slope = -15

3.

A(5, -5) and B(2, -6)

Slope = $\frac{1}{3}$

4.

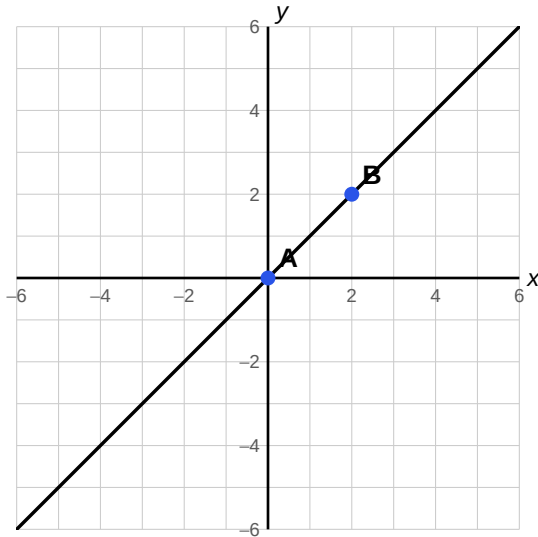
A(-8, -5) and B(6, -3)

Slope = $\frac{1}{7}$

Write $y = mx + b$

Find the slope and y-intercept, then write the equation in $y = mx + b$ form.

1.

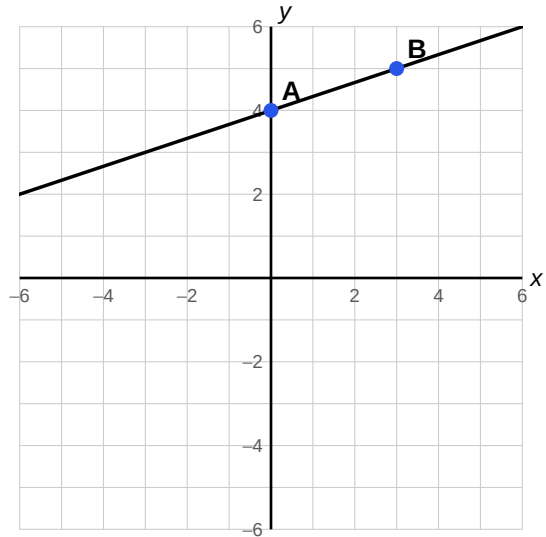


Slope = 1

y-intercept = 0

$y =$ x

2.

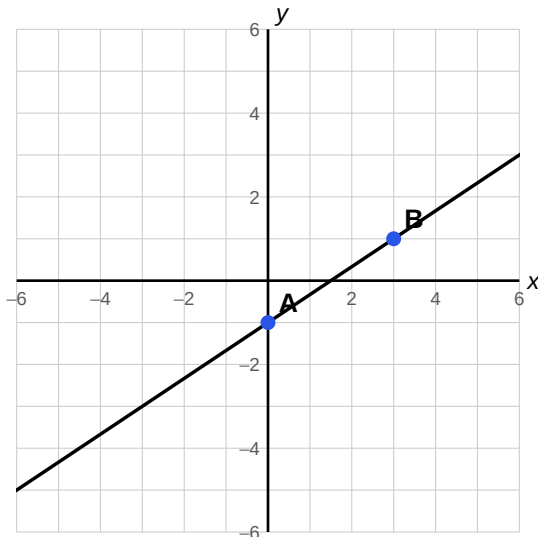


Slope = $\frac{1}{3}$

y-intercept = 4

$y =$ $\frac{1}{3}x + 4$

3.

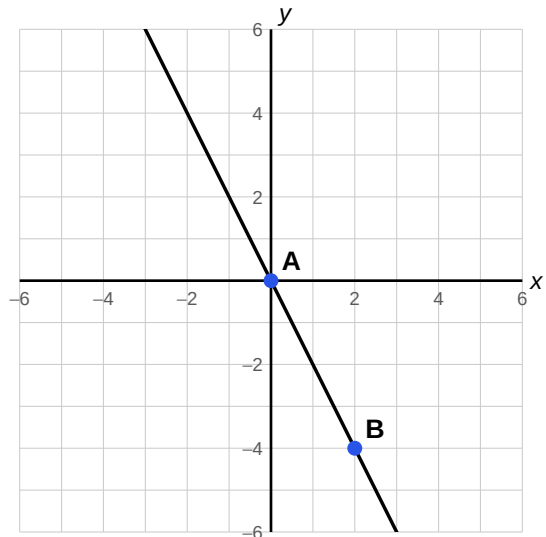


Slope = $\frac{2}{3}$

y-intercept = -1

$y =$ $\frac{2}{3}x - 1$

4.



Slope = -2

y-intercept = 0

$y =$ $-2x$