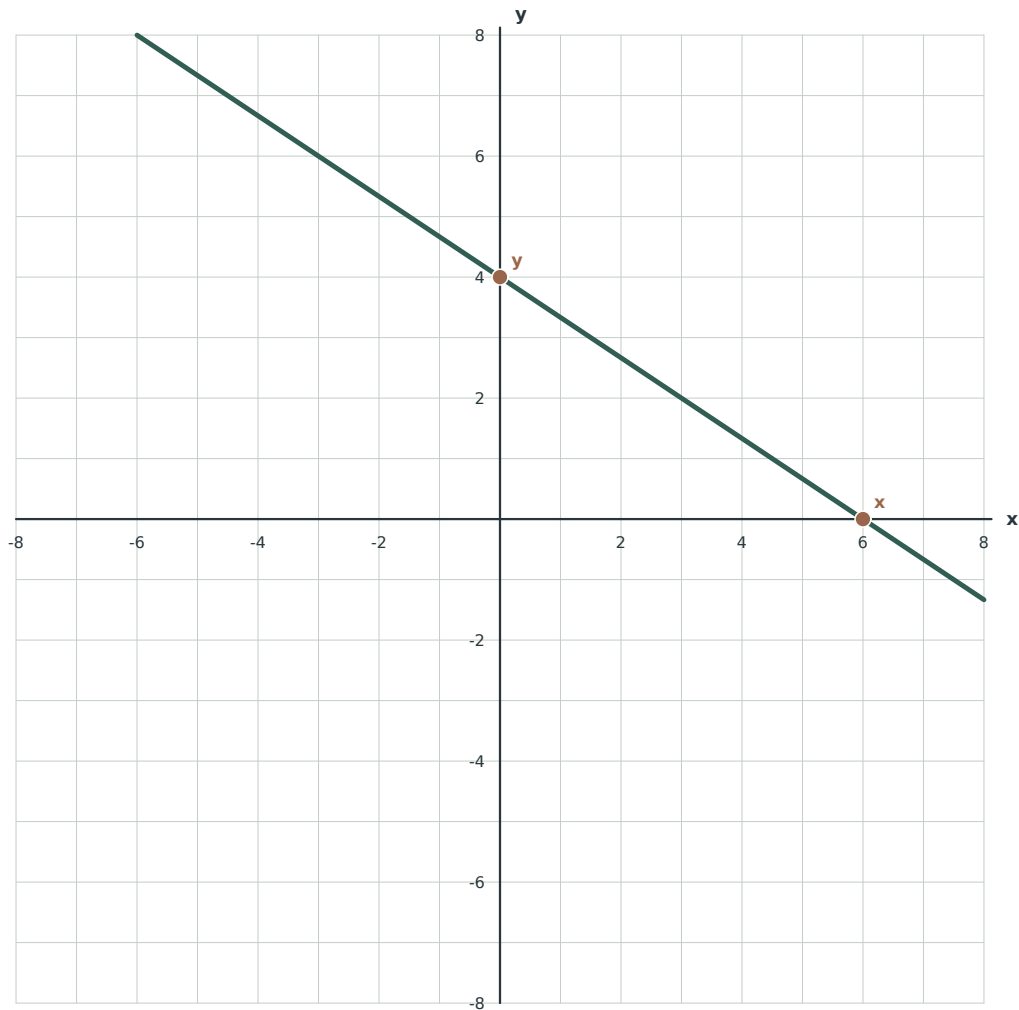


Positive intercepts

Find each intercept by setting the other variable to zero. Plot both intercepts and draw the line through them.

$$2x + (3)y = 12.$$

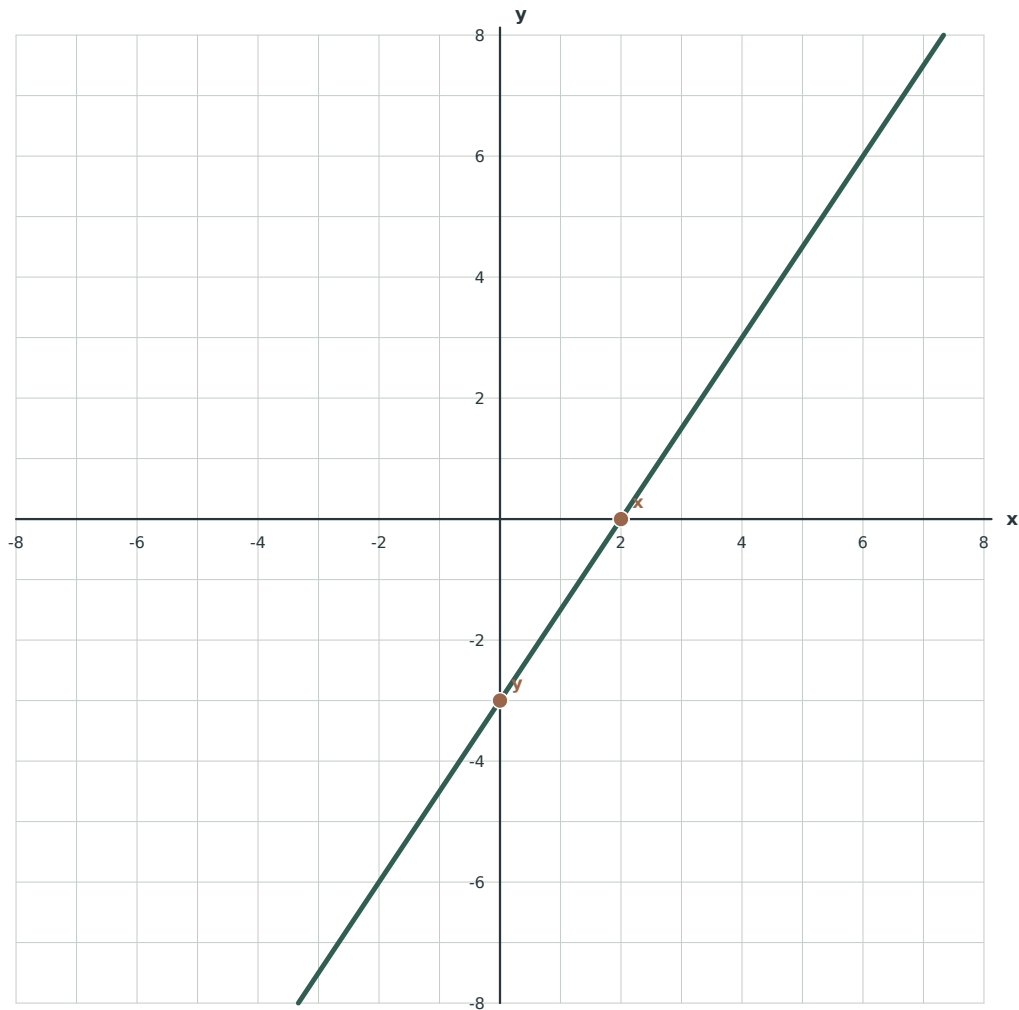


1. Find x- and y-intercepts. x-intercept 6; y-intercept 4.
2. Copy the standard-form equation. Equation $2x + (3)y = 12$.
3. Draw the line through valid points. Use two intercepts to draw the line.

A falling line

Find each intercept by setting the other variable to zero. Plot both intercepts and draw the line through them.

$$3x + (-2)y = 6.$$

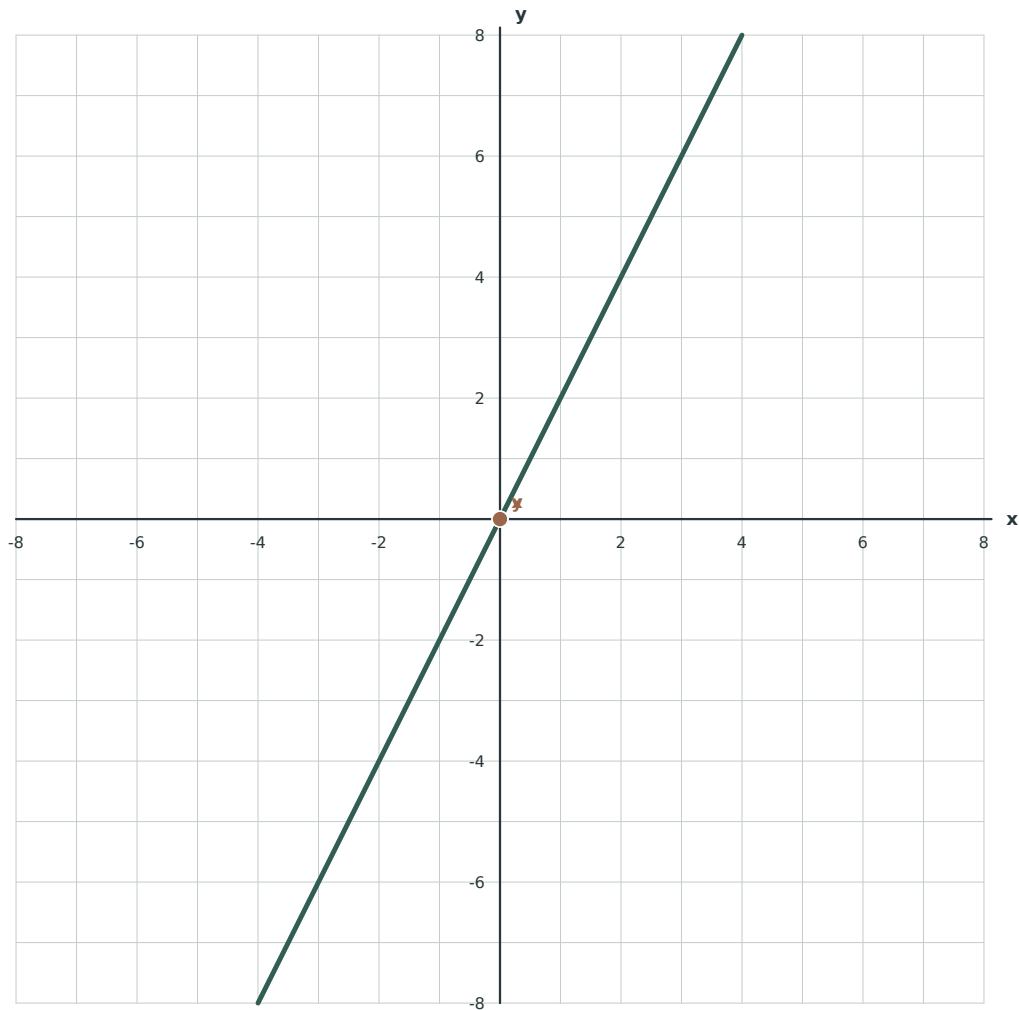


1. Find x- and y-intercepts. x-intercept 2; y-intercept -3.
2. Copy the standard-form equation. Equation $3x + (-2)y = 6$.
3. Draw the line through valid points. Use two intercepts to draw the line.

A line through the origin

Find each intercept by setting the other variable to zero. Plot both intercepts and draw the line through them.

$$4x + (-2)y = 0.$$

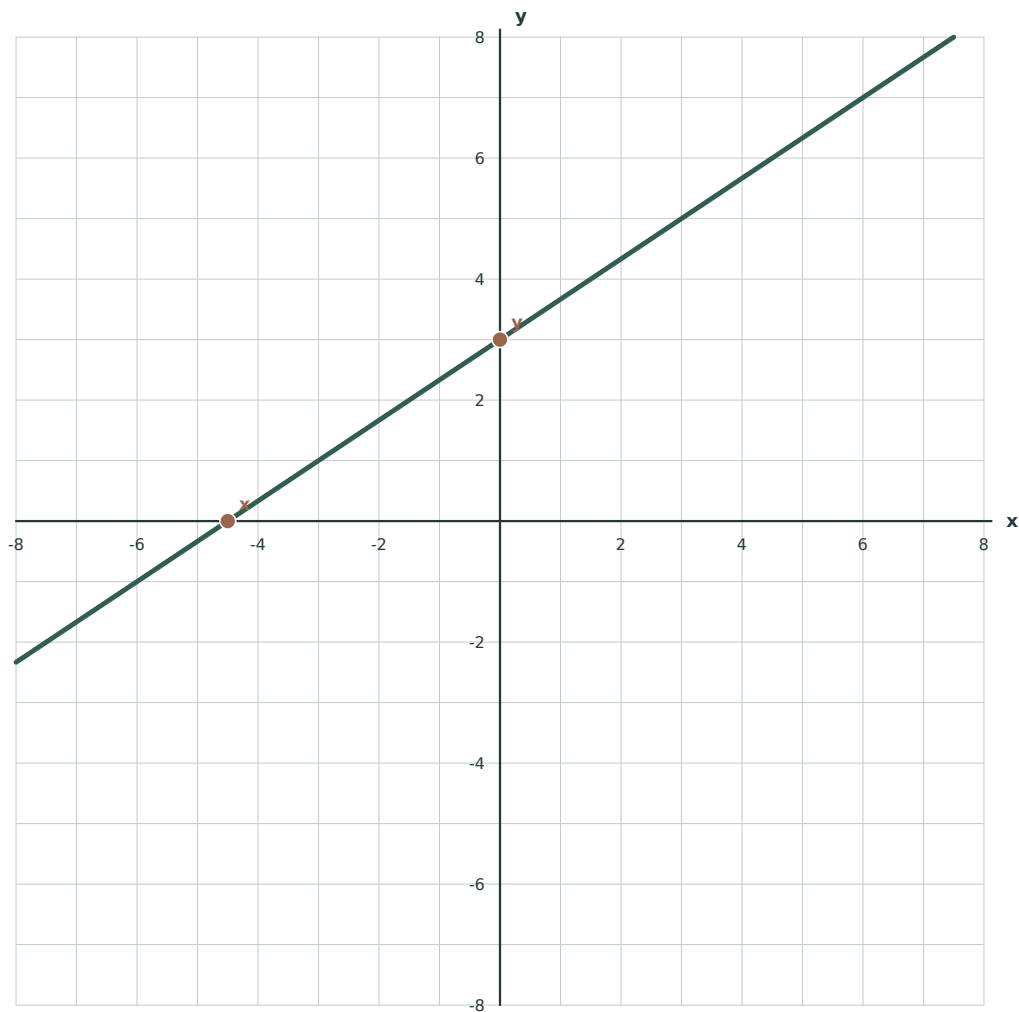


1. Find x- and y-intercepts. x-intercept 0; y-intercept 0.
2. Copy the standard-form equation. Equation $4x + (-2)y = 0$.
3. Draw the line through valid points. Use two intercepts to draw the line.

Mixed signs

Find each intercept by setting the other variable to zero. Plot both intercepts and draw the line through them.

$$-2x + (3)y = 9.$$



1. Find x- and y-intercepts. x-intercept $-9/2$; y-intercept 3.
2. Copy the standard-form equation. Equation $-2x + (3)y = 9$.
3. Draw the line through valid points. Use two intercepts to draw the line.