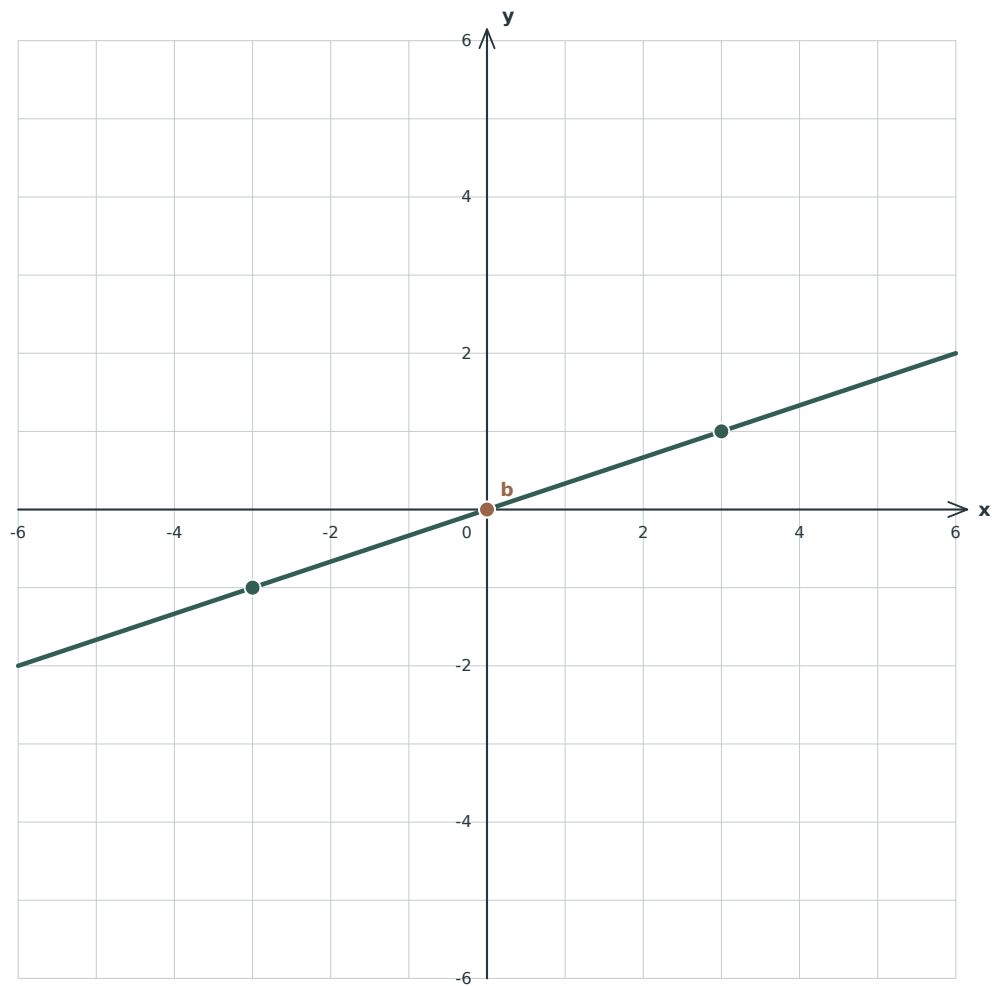


A line through the origin

Construct the line from its equation. In $y=mx+b$, m is the signed slope and $(0,b)$ is the y-intercept.

$y = 1/3x + 0$. Table x values: -3, 0, 3. Every grid interval is 1 unit.



1. Identify m , b and the y-intercept. $m = 1/3$; $b = 0$. Intercept: $(0,0)$.
2. Calculate the three table y values. $x=-3$: $y=-1$; $x=0$: $y=0$; $x=3$: $y=1$
3. Draw the line through the correct points. Plot the intercept and table points, then draw the straight line.