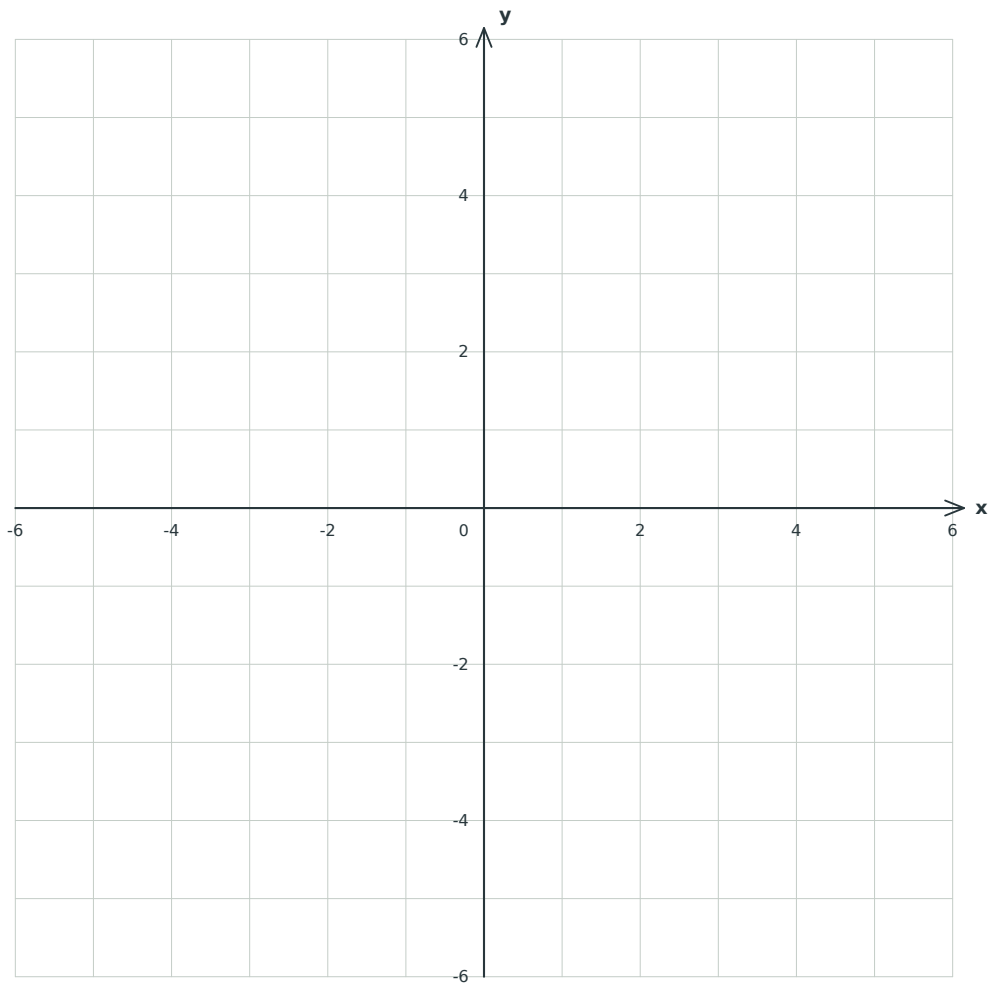


A fractional rise

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

$y = \frac{2}{3}x + 1$. Table x values: -3, 0, 3. Every grid interval is 1 unit.

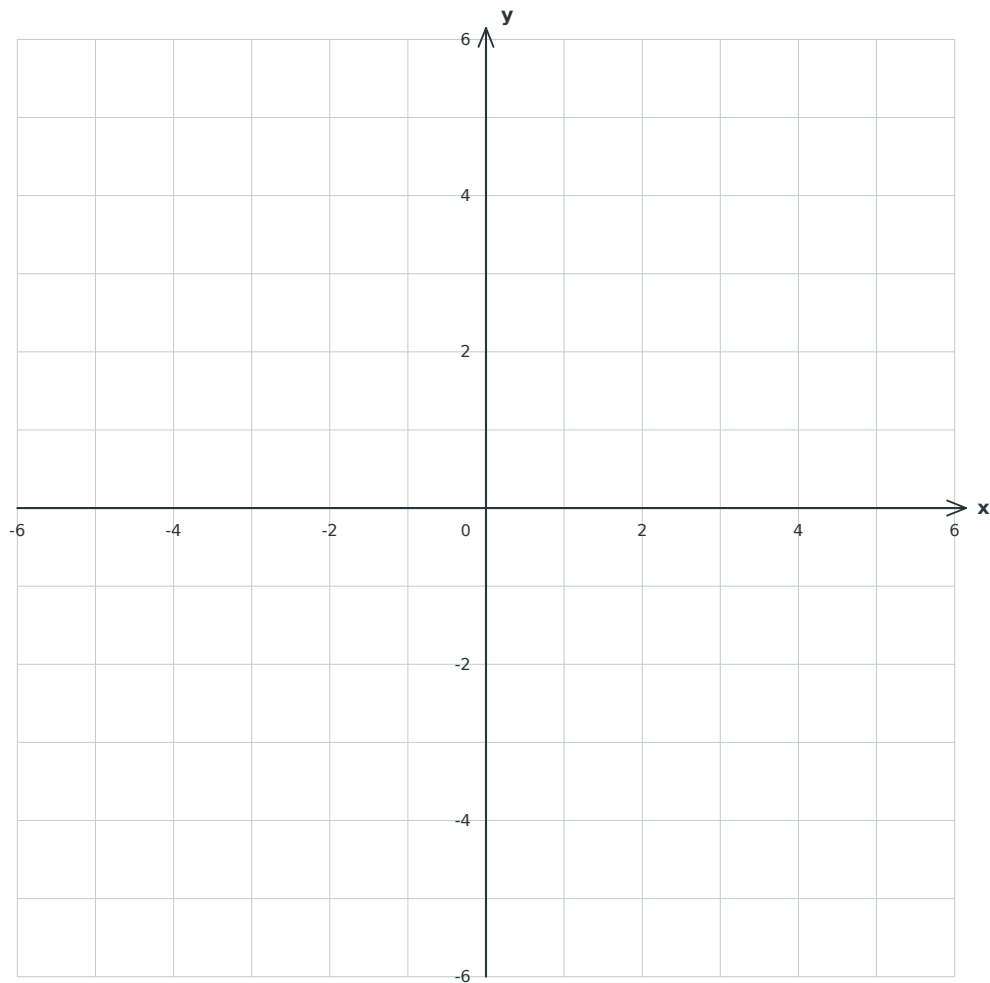


1. Identify m , b and the y-intercept. _____
2. Calculate the three table y values. _____
3. Draw the line through the correct points. _____

A negative slope

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

$y = -1/2x + 2$. Table x values: -4, 0, 4. Every grid interval is 1 unit.

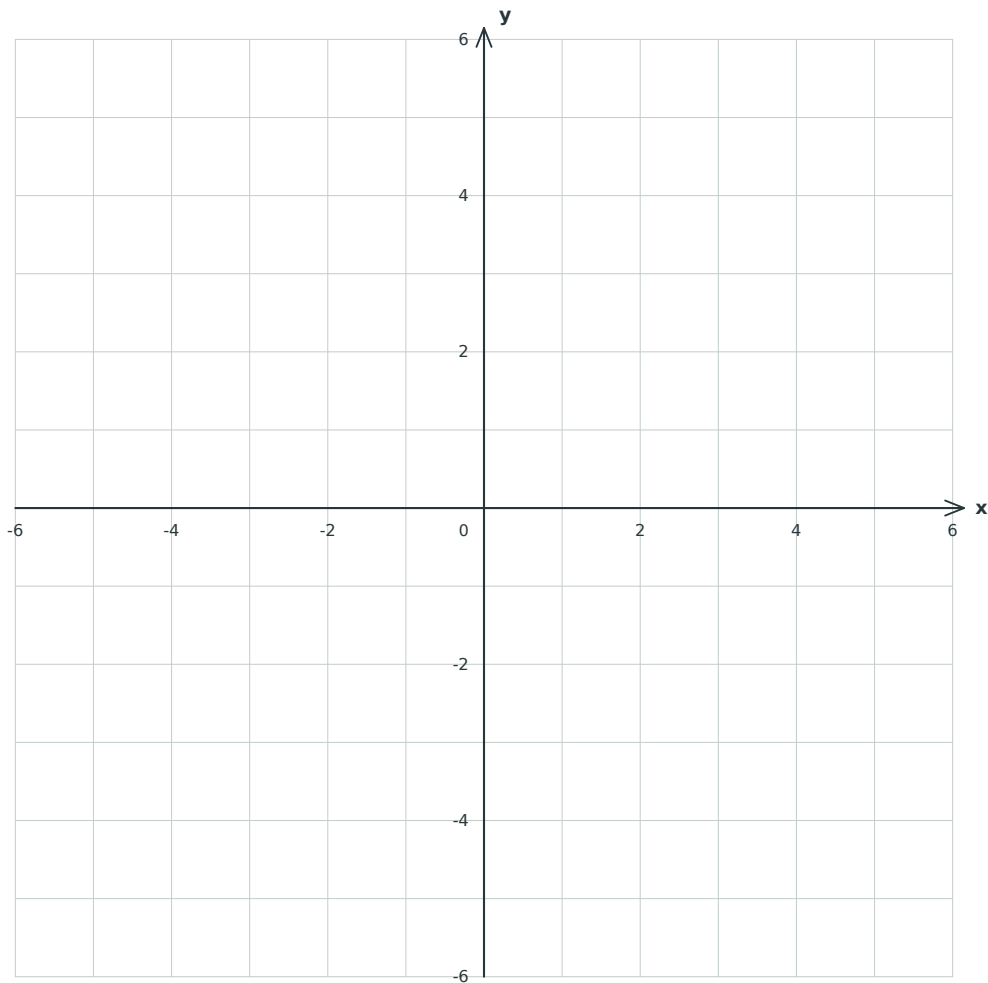


1. Identify m , b and the y-intercept. _____
2. Calculate the three table y values. _____
3. Draw the line through the correct points. _____

A horizontal line

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

$y = 0x - 3$. Table x values: -4, 0, 4. Every grid interval is 1 unit.

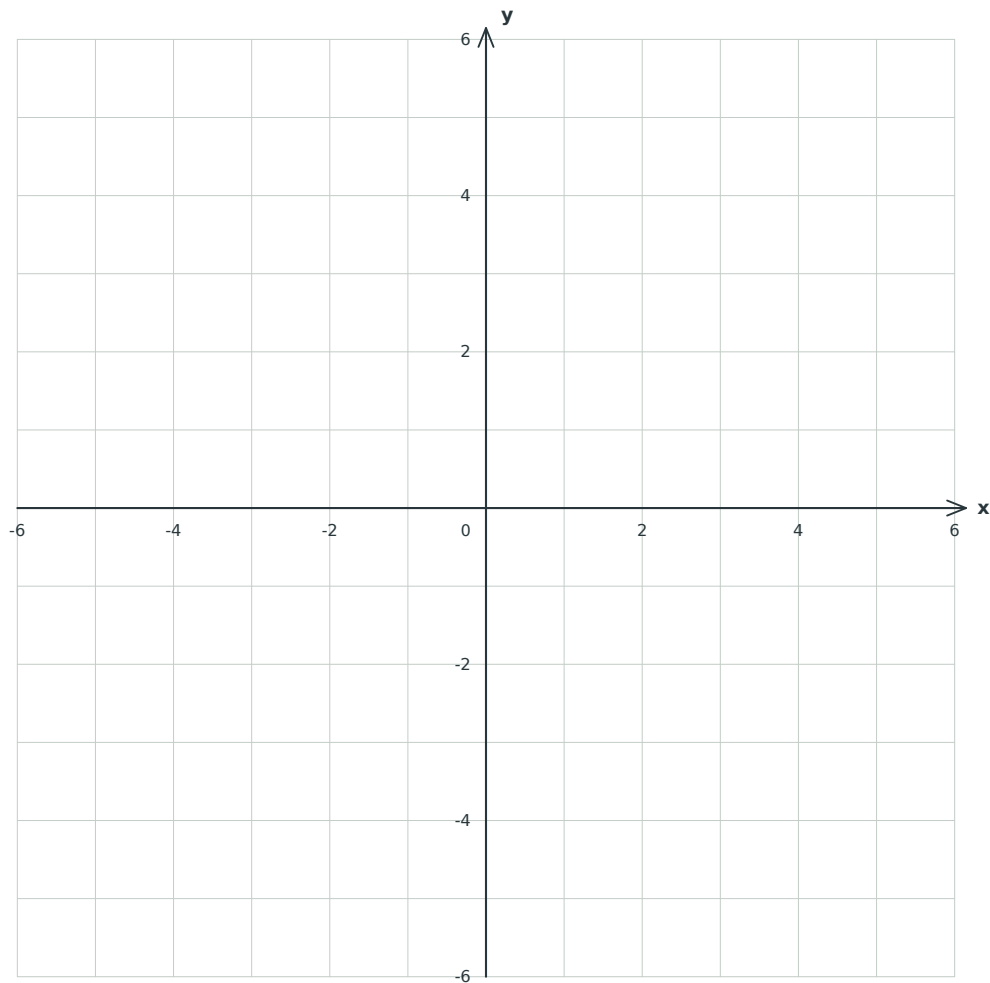


1. Identify m , b and the y-intercept. _____
2. Calculate the three table y values. _____
3. Draw the line through the correct points. _____

A steep rising line

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

$y = 2x - 1$. Table x values: -2, 0, 2. Every grid interval is 1 unit.



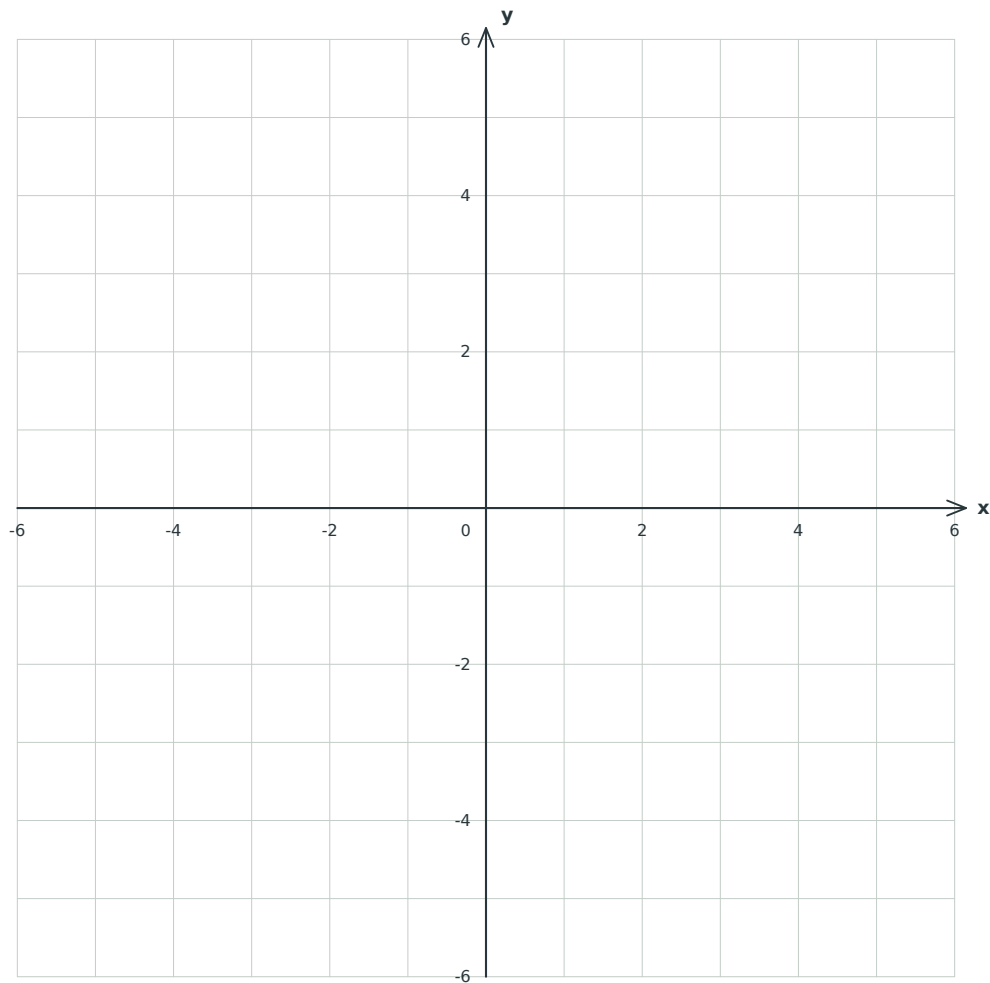
1. Identify m , b and the y-intercept. _____
2. Calculate the three table y values. _____
3. Draw the line through the correct points. _____

Original practice data / coordinate units, not ruler measurements / physical printing not tested

A line falling through a negative intercept

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

$y = -1x - 2$. Table x values: -4, 0, 3. Every grid interval is 1 unit.

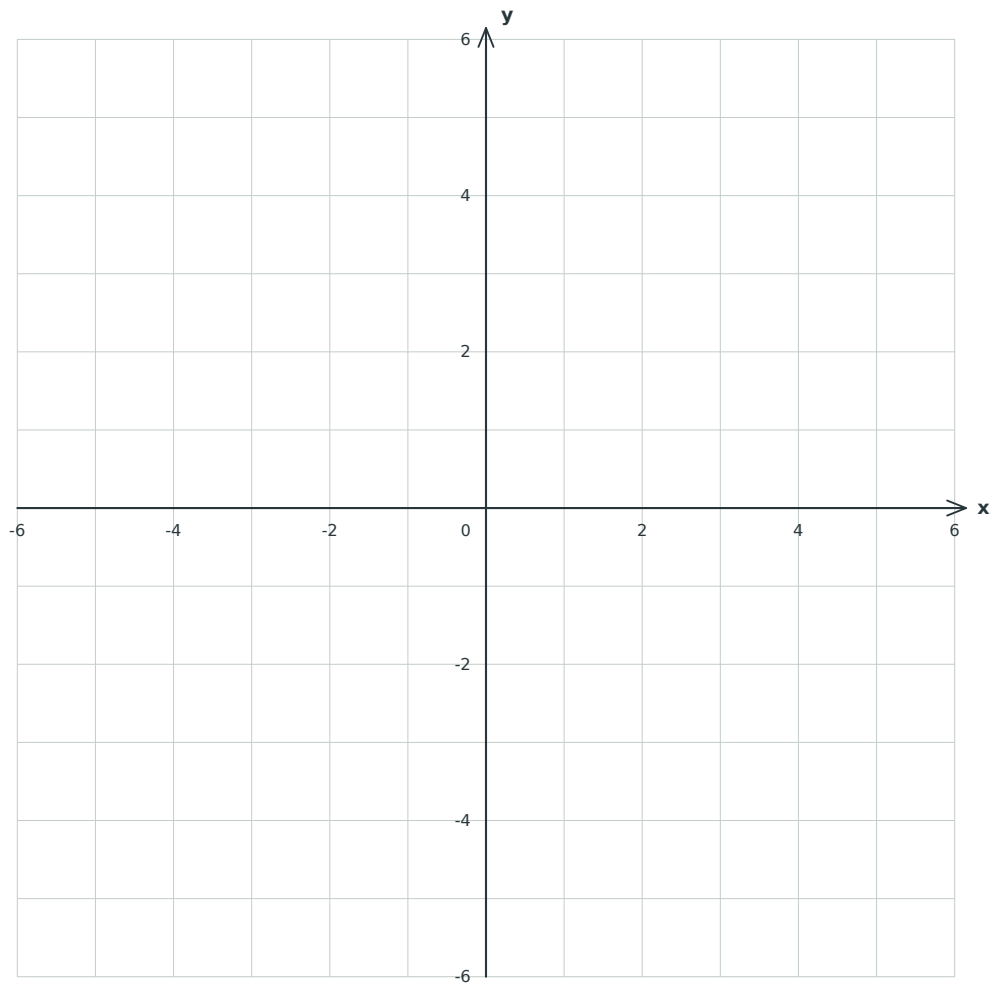


1. Identify m , b and the y -intercept. _____
2. Calculate the three table y values. _____
3. Draw the line through the correct points. _____

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. _____
2. Calculate the three table y values. _____
3. Draw the line through the correct points. _____