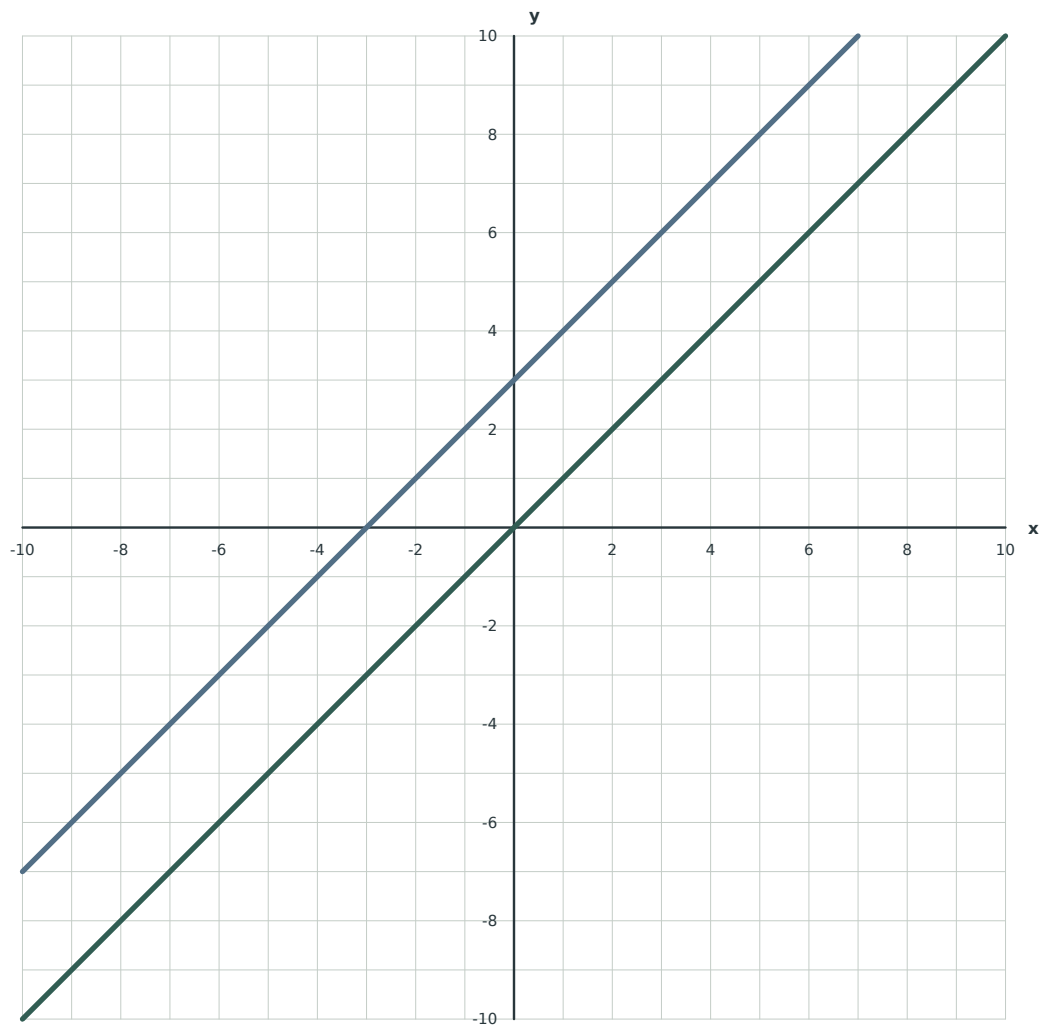


Parallel rising lines

Line 1: $y = 1x + 0$. Line 2: $y = 1x + 3$.

Graph both lines. State their slopes, slope product and relationship.

ANSWER / worked construction



Slopes are 1 and 1; product = 1.

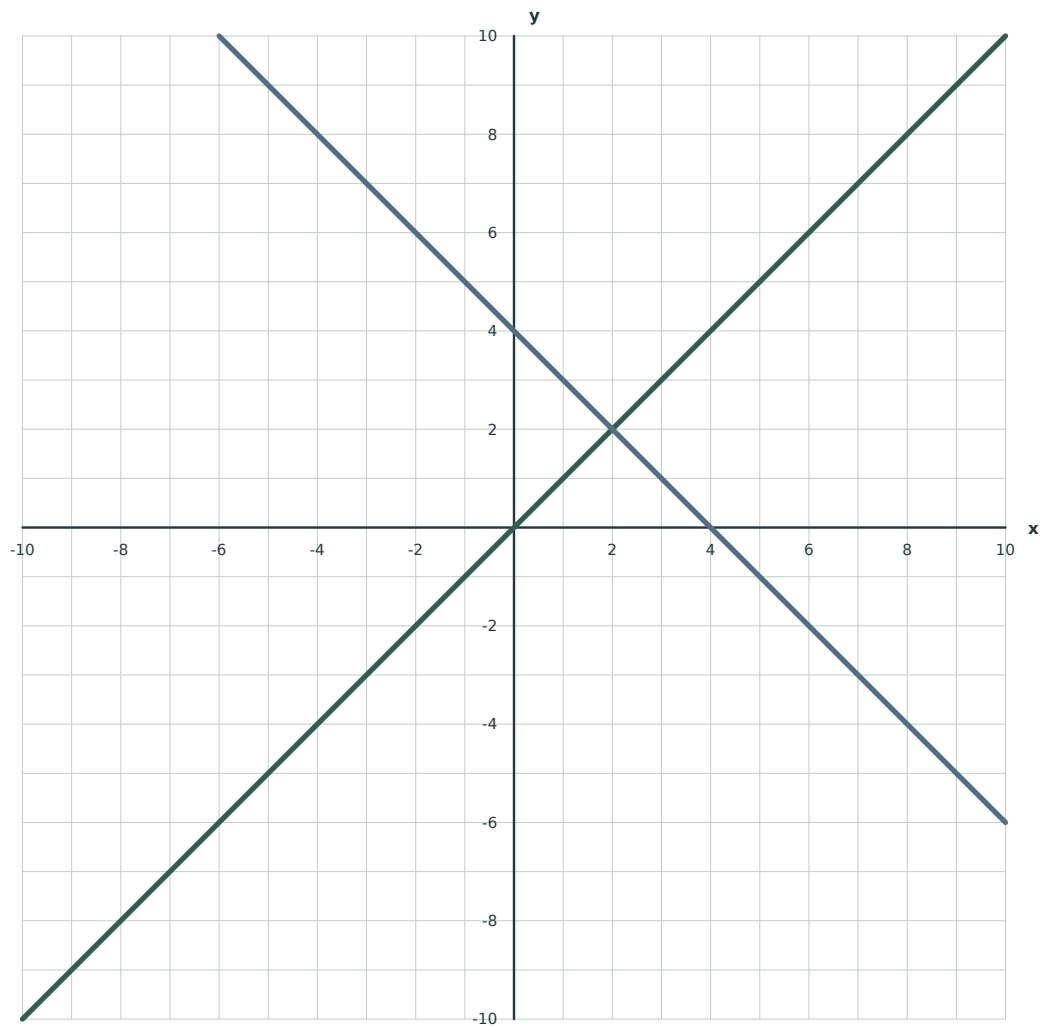
The lines are parallel.

Perpendicular pair

Line 1: $y = 1x + 0$. Line 2: $y = -1x + 4$.

Graph both lines. State their slopes, slope product and relationship.

ANSWER / worked construction



Slopes are 1 and -1; product = -1.

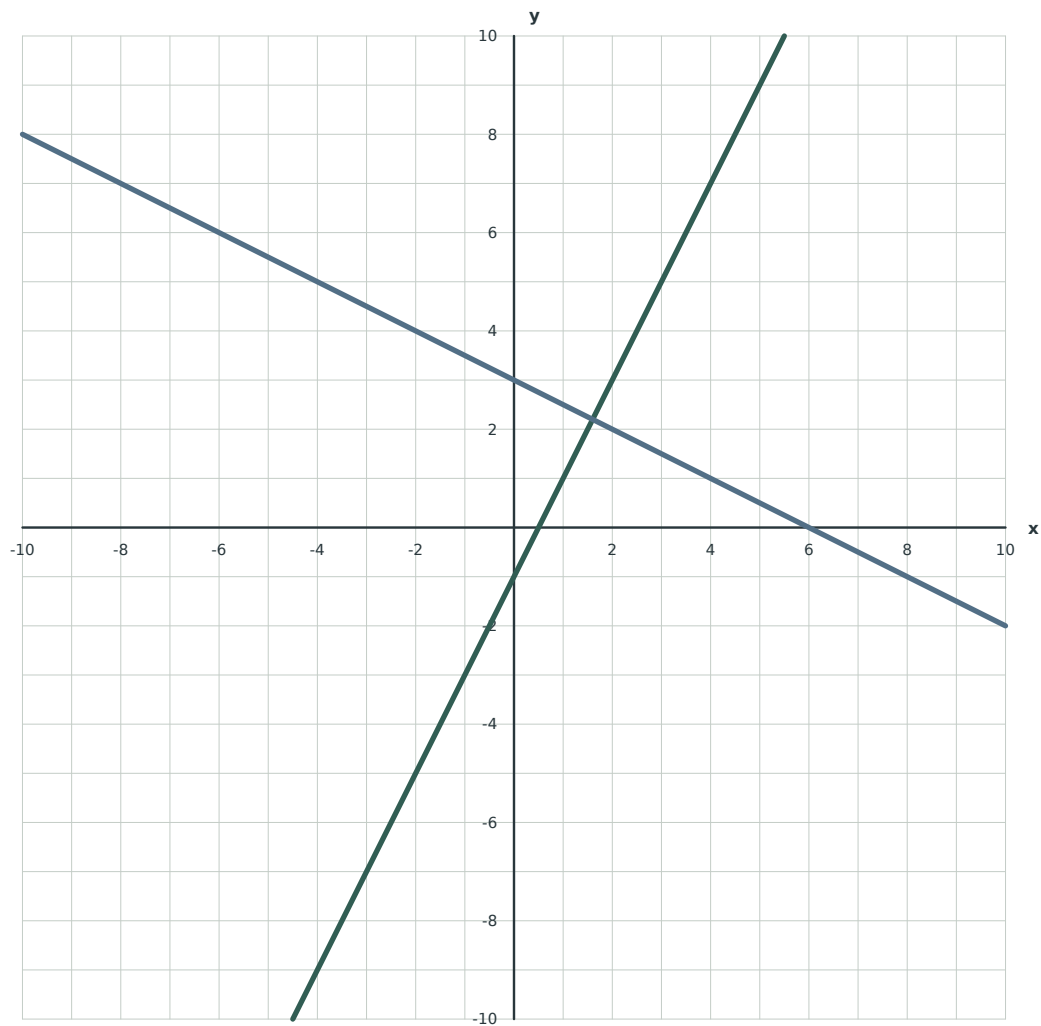
The lines are perpendicular.

Fractional perpendicular pair

Line 1: $y = 2x - 1$. Line 2: $y = -1/2x + 3$.

Graph both lines. State their slopes, slope product and relationship.

ANSWER / worked construction



Slopes are 2 and $-1/2$; product = -1 .

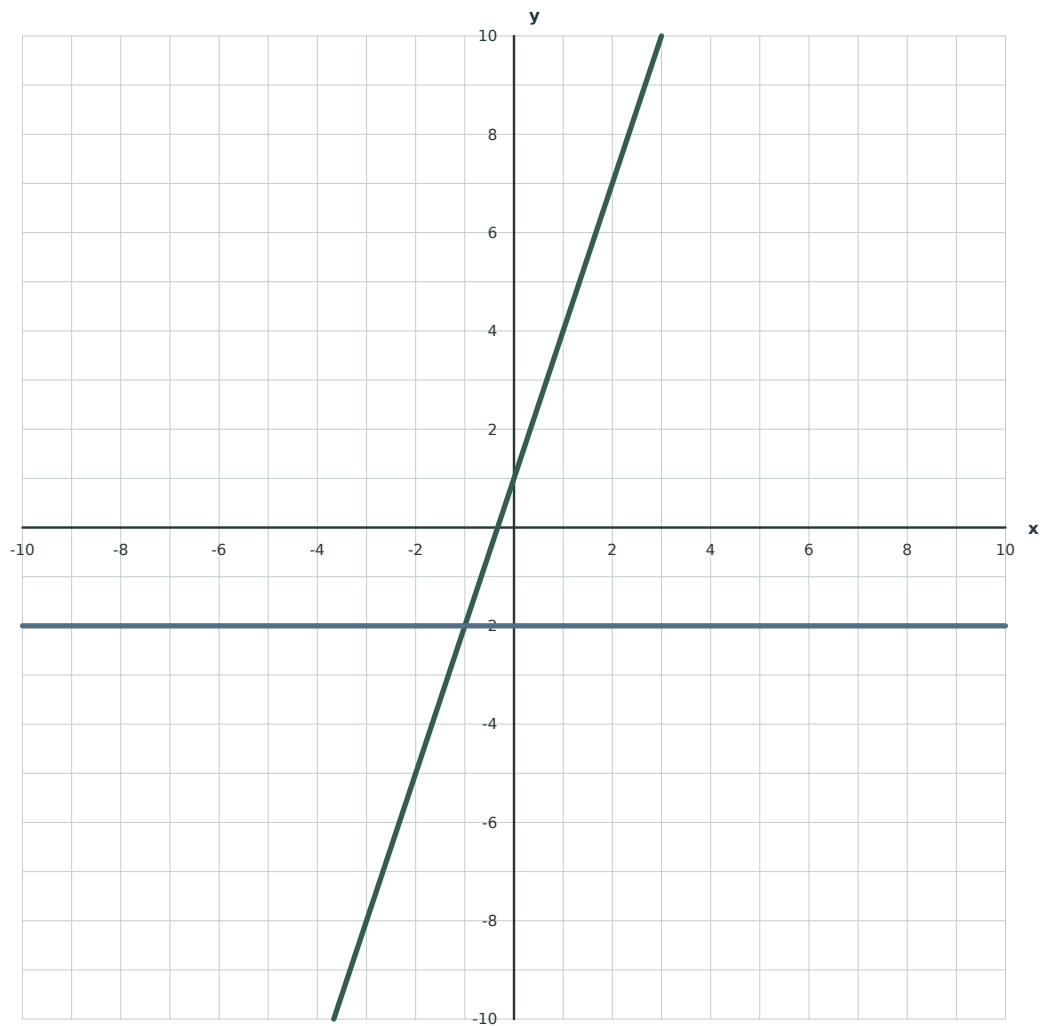
The lines are perpendicular.

Neither parallel nor perpendicular

Line 1: $y = 3x + 1$. Line 2: $y = 0x - 2$.

Graph both lines. State their slopes, slope product and relationship.

ANSWER / worked construction



Slopes are 3 and 0; product = 0.

The lines are neither.