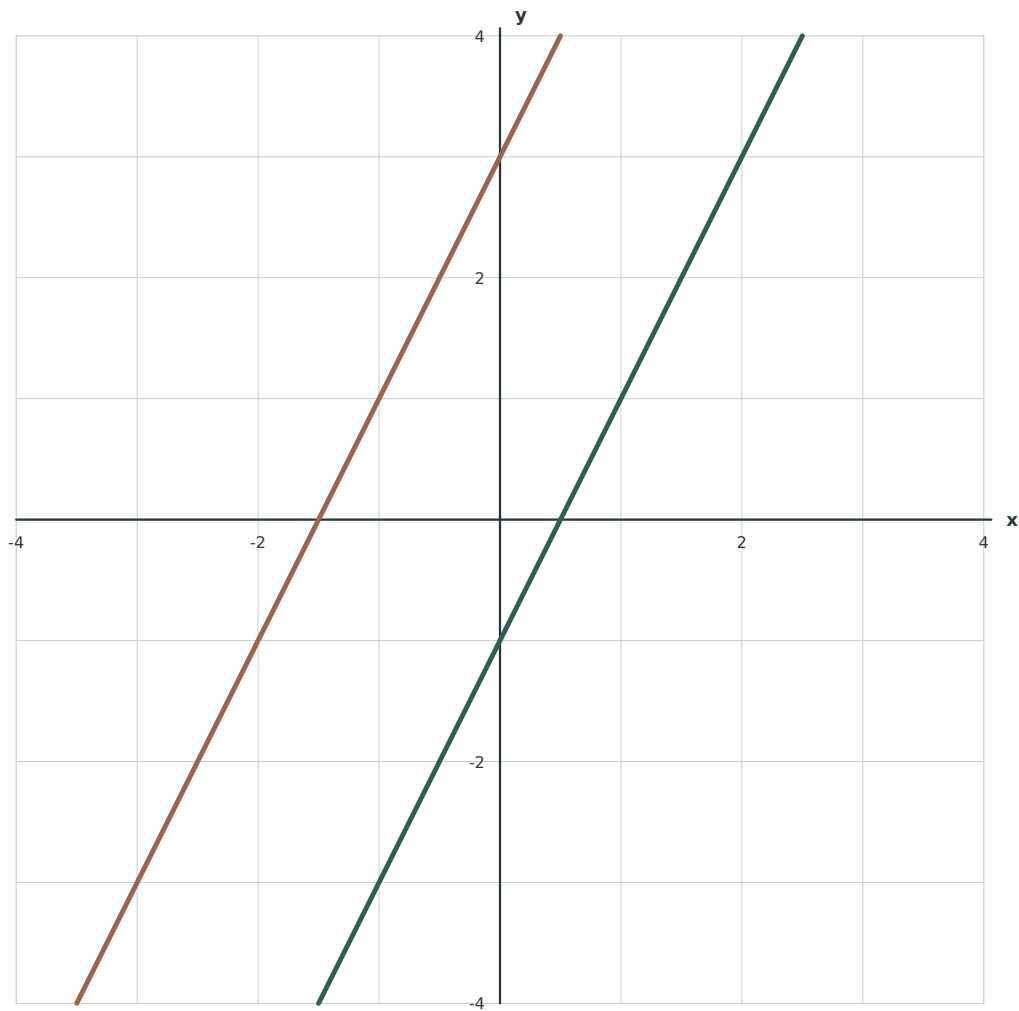


Parallel lines

Graph both equations on the same coordinate plane. A shared point is a solution; parallel lines have none and coincident lines share every point.

Line 1: $y=2x+(-1)$; line 2: $y=2x+(3)$.



1. How many solutions? no solution.
2. If one, state the intersection. Compare slopes and intercepts.
3. Why does a shared point solve both equations? A shared point satisfies both equations.

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