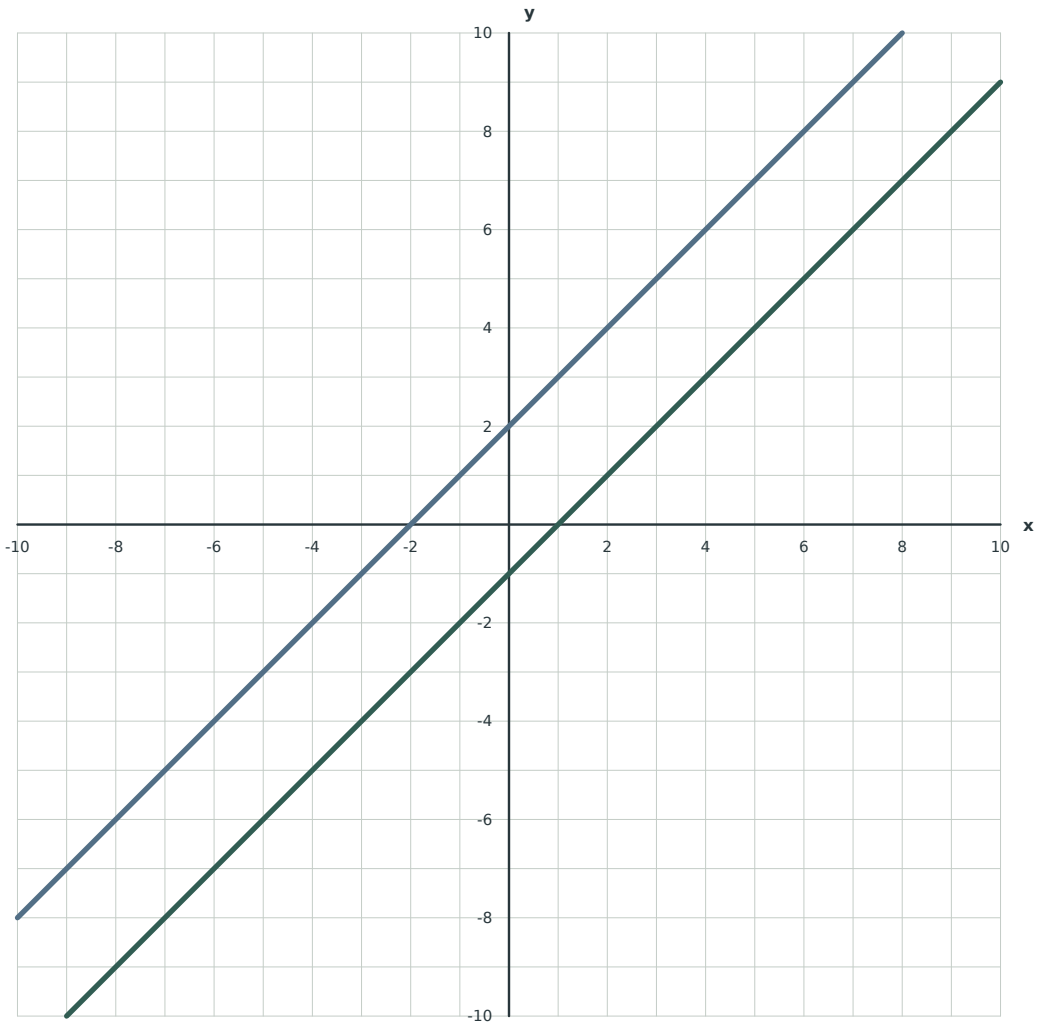
Parallel rising lines

Line 1: y = 1x - 1. Line 2: y = 1x + 2.

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

ANSWER / worked construction



Slopes are 1 and 1; product = 1.

The lines are parallel.

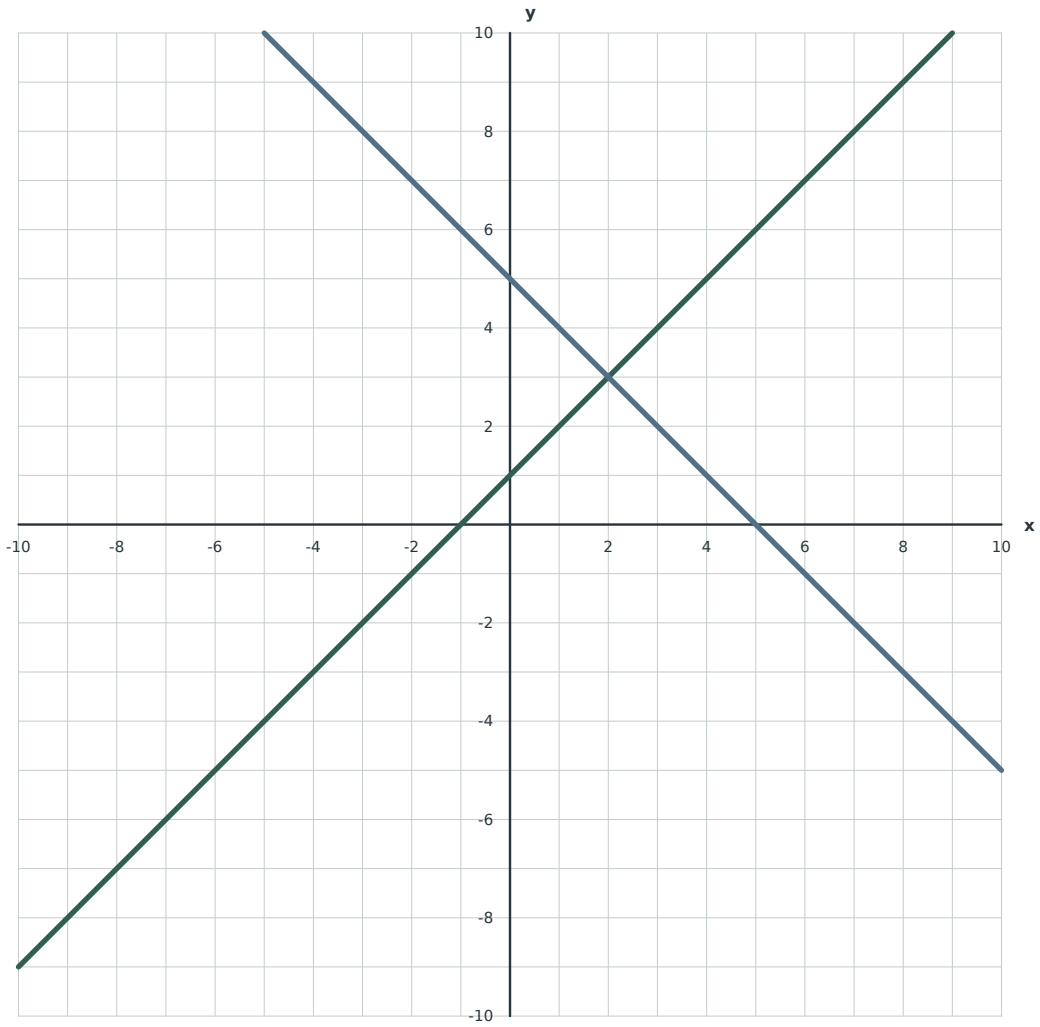
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Perpendicular pair

Line 1: y = 1x + 1. Line 2: y = -1x + 5.

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

ANSWER / worked construction



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

The lines are perpendicular.

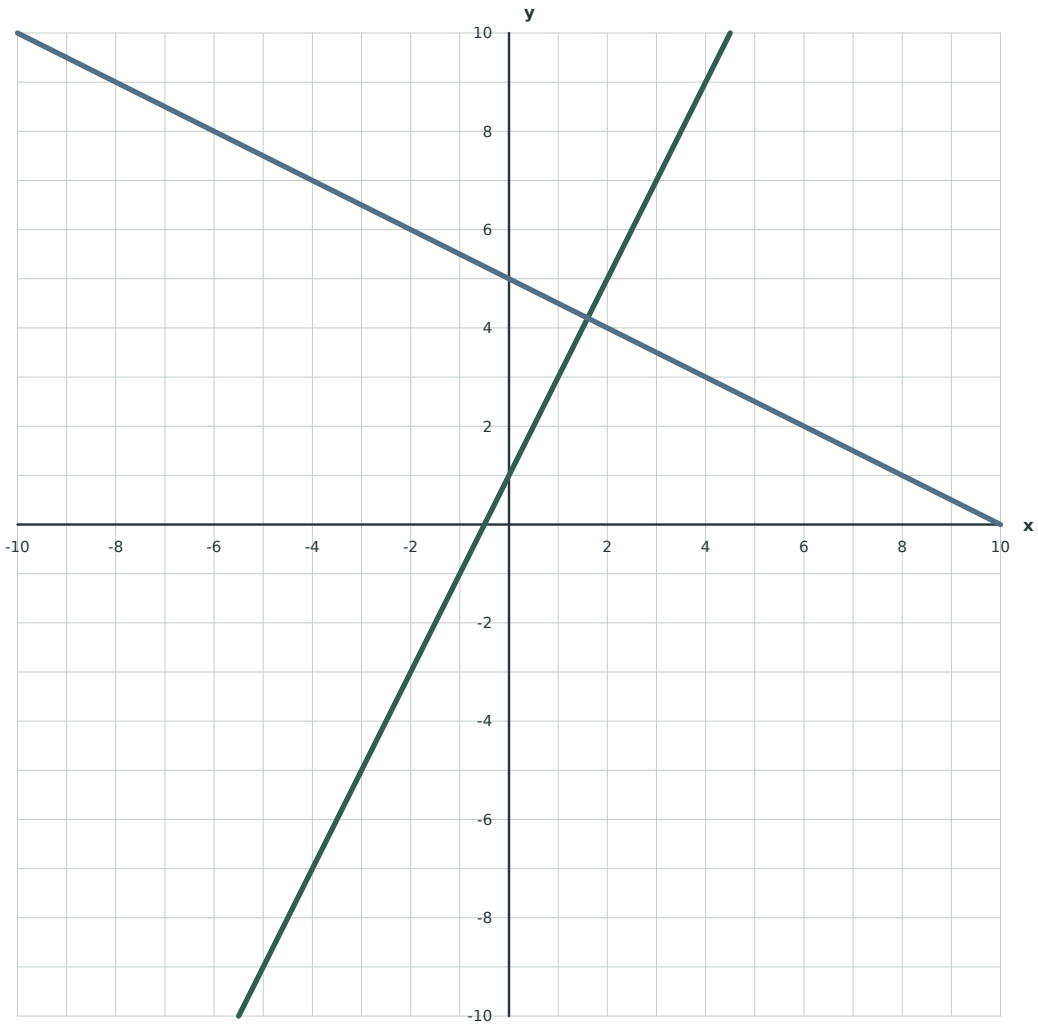
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Fractional perpendicular pair

Line 1: y = 2x + 1. Line 2: y = -1/2x + 5.

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.

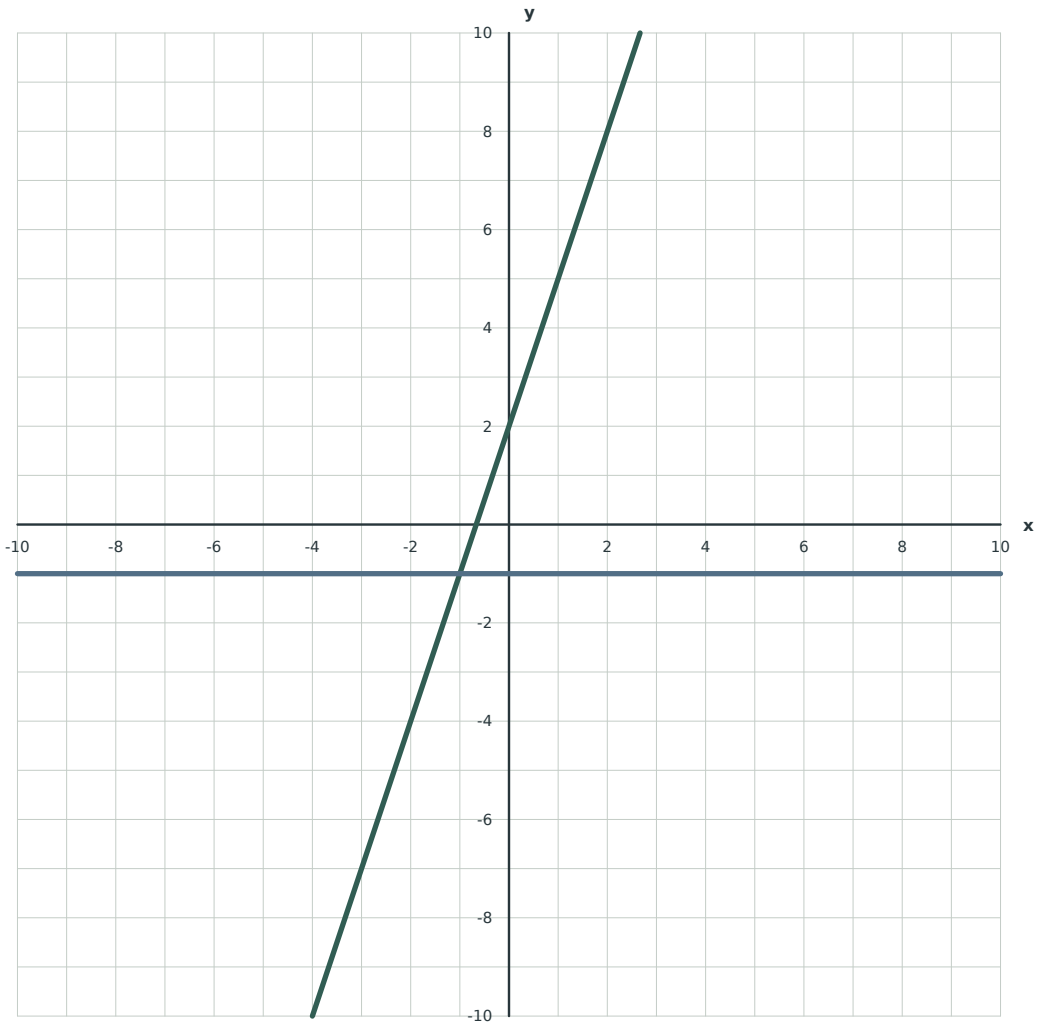
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Neither parallel nor perpendicular

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

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

ANSWER / worked construction



Slopes are 3 and 0; product = 0.

The lines are neither.

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