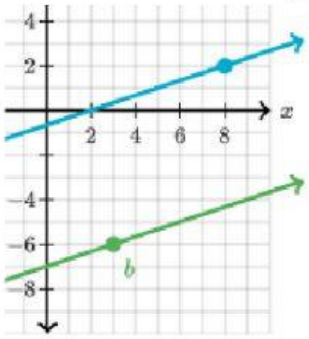
Slope of Parallel and Perpendicular Lines

Parallel Lines

Definition

Lines on a plane that never _____

Picture



Slope

EQUAL

Example: $\frac{3}{4} \longrightarrow$ _____

Examples

$y = 3x + 4$ $y = 3x - 6$

$y = \frac{1}{2}x - 9$ $y = __x + 7$

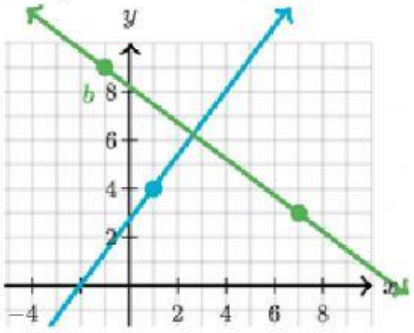
$y = 5x + 10$ $y = __x$

Perpendicular Lines

Definition

Lines that intersect at a _____ angle

Picture



Slope

OPPOSITE RECIPROCALS

Example: $\frac{3}{4} \longrightarrow$ _____

Examples

$y = 5x - 2$ $y = -\frac{1}{5} + 1$

$y = -\frac{2}{3}x + 18$ $y = __x - 12$

$y = 8x - 4$ $y = __x + 4$

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