

Name:

Section 3.1b – Parallel and Perpendicular Lines

Determine if the following lines are Parallel, Perpendicular, or neither.

$y = 3x + 5$ and $2x - 6y = 12$	$3x + 2y = 10$ and $2x + 3y = 18$
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Write in General Form the equation of the line that meets the criteria listed below.

Goes through: $(-4, 3)$ and $(5, -1)$	Goes through: $(7, 1)$ and $(-5, -4)$
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Write the equation of a line that meets the following criteria.

A Vertical line that passes through point $(3, -4)$	A Horizontal line that passes through point $(1, 4)$
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