

**Parallel & Perpendicular
(Writing Equations of Lines)**

Name _____

Directions:

- A) Go to <https://www.geogebra.org/m/ThcQejMS>.
- B) For each problem that is generated after clicking the **New Problem** button, copy the specific details of the problem down in the blanks provided.
- C) Show your work you do to solve each problem in the space provided.
- D) Type in the equation of the described line in the text field provided. If you type in a correct equation, you'll see a big pink "**CORRECT !!!**" sign appear. If you don't get the problem correct, don't go to a new problem—find your mistake(s) and fix them!

Determine the equation of the indicated line that passes through the indicated point AND is _____ to the line with the given equation.

(,)

Fill in coordinates of point

$y =$

Write equation of given line here

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(,)

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$y =$

Write equation of given line here

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