

Please do not write in the margins of the page!

Instructions:

- Simplify your answer and reduce any fractions to lowest terms. No decimals.
- Show ALL your work. You must show some work, or give an explanation, for each problem in order to receive credit.

For the linear equation $y = -2x + 7$,

- 1) Find the slope and the y-intercept. Give the y-intercept as a point.

 - 2) Find the equation of a line which is parallel to this one and passes through $(-1, 5)$

 - 3) Find the equation of a line which is perpendicular to this one and passes through $(6, 1)$
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