

ARRANGED HOUR FOR MATH 50

3. Find the equation of the line that passes through the points $(1, -1)$ and $(3, 5)$. Write your answer in slope intercept form.

4. The monthly payment C on a specific car loan varies linearly with the amount borrowed P . The monthly payment on a loan is \$20 for every \$1000 borrowed. Assume that if no money is borrowed then the monthly payment is \$0.

5. Find a linear equation that relates the monthly payment C to the amount borrowed P for the loan. Write your answer in slope intercept form using the variables C and P .

- b) Find the amount borrowed that is necessary to result in a monthly payment of \$400.