

# 8.F Chicken and Steak, Variation 1

## Task

You have \$100 to spend on a barbeque where you want to serve chicken and steak. Chicken costs \$1.29 per pound and steak costs \$3.49 per pound.

- Find a function that relates the amount of chicken and the amount of steak you can buy.
- Graph the function. What is the meaning of each intercept in this context? What is the meaning of the slope in this context? Use this (and any other information represented by the equation or graph) to discuss what your options are for the amounts of chicken and amount of steak you can buy for the barbeque.



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