

Area – Family, Career and Family Connections

Problem – Lemonade Stand-Figuring Profit

Standards

SD FACS Standards

FCS 7.2.8

Investigate how individuals exchange work or resources for income to buy goods and services and pay taxes.

SD Mathematics Standards

Math 9-12.N.3.1

Students are able to use estimation strategies in problem situations to predict results and to check the reasonableness of results.

Problem

You would like to attend a summer camp and do not have enough money for the registration. Your parents have said they would pay for a portion of the registration, but you would need to pay for the rest. You need to come up with \$150.00. You have decided to set up a lemonade stand to help raise the money needed. It costs you .10 for each glass of lemonade and an additional \$5.00 for a one time start up fee. You plan on selling each glass for .50. How much do you make on each glass of lemonade? If you sell 150 glasses, what is your profit? How many glasses of lemonade would you have to sell to raise \$150.00? Show your work for each question.

What will you need?

Pen

Paper

How will you be evaluated?

Lemonade Stand Answer Key

Supplemental Materials

Resources