



Helping the Cook

You've done a good job finding the amount and cost of food to keep the lumberjacks well fed. Now you can try one of these activities.

With one or two other students, plan a short presentation to explain one of the topics below to your class. Do some research on the internet or in your mathematics book. Make notes, and divide up the presentation among your team members.

1. On the second page of the **More Men in Camp** worksheet, you had to decide if the cost to feed a Jack for a day (\$0.13) was less than 23 cents. One of those amounts of money is written with a dollar sign (\$) and a decimal point, and the other is written with the word "cents." You can't compare them until they are both written in the same format. Show how to write both amounts using the word "cents," and how to write both amounts using a dollar sign and decimal point.

\$0.13 can be written as _____ cents

23 cents can be written as _____ using a dollar sign and decimal point

Now write each of these money amounts in the other format.

99 cents

\$0.25

1 cent

\$0.10

60 cents

\$0.08

2. Look at the **More Men in Camp** worksheet. When calculating the cost to feed a lumberjack for a day, use a calculator to find a more exact answer than \$0.13. First use the total cost for 70 jacks to get an answer. Then use the total cost for 80 jacks. Are your exact answers the same? Why or why not? If not, how close are they? Is the difference between them important enough to affect planning the camp's food budget?
3. The logging camps wanted the jacks well fed for \$0.23 per day or less. Use an online inflation calculator to translate \$0.23 into today's value. Do you think you could feed a lumberjack three big meals each day for this amount? Why or why not?
4. Bring a recipe from home, or find one online that sounds good. Convert the amounts in the recipe so that it will feed your entire class (including your teacher). Then figure out how much of each ingredient you would need to feed your entire school using the recipe.
5. Using a recipe from home or online, shop for the ingredients online, and find a local price for each item. Figure out how much it would cost to feed your class using the recipe. Then figure out how much it would cost to feed all the students in your school using the recipe.