

Name _____

**Chapter
6**

Percents

Dear Family,

Family vacations provide a relaxing break from the usual routine. Whether you visit family, go camping, or plan a "stay-cation" at home, you usually need to make a budget for your expenses.

Budgeting for a family vacation may take some research. The rates advertised for hotel rooms usually do not include taxes or resort fees. When dining out, the tax and tip can add quite a bit to the total bill. Vehicle rentals often have extra charges for taxes, insurance, fuel, and mileage that are not usually included in advertised rates. All of these "hidden" costs can increase the cost of your vacation significantly.

Ask your student to help create a budget for your next family vacation. Have him or her research common fees, taxes, and tips for each part of your plan. For example:

- Hotels sometimes have multiple tax rates—for state, county, and local sales taxes, and sometimes even an extra "room tax." Find out what the tax rates are and determine how much this will add to the room charges. Are there other fees, such as resort fees or parking charges?
- Employees in restaurants and hotels usually earn most of their money from tips, so find out who usually receives a tip and what amount is appropriate.
- Rental cars can have many taxes and fees—sometimes these cost as much as the rental fee itself. Try to find out each rate or fee so you can plan accordingly.

Work with your student to make a budget that includes the extra charges for each item. You might want to include other categories in your budget—such as categories for shopping, entertainment, fuel, and parking. Having your student help with the budgeting will involve him or her in planning the vacation—and help your student realize you can't always afford everything you want to do.

Don't forget to write!

Lesson	Learning Target	Success Criteria
6.1 The Percent Proportion	Use the percent proportion to find missing quantities.	<ul style="list-style-type: none"> I can write proportions to represent percent problems. I can solve a proportion to find a percent, a part, or a whole.
6.2 The Percent Equation	Use the percent equation to find missing quantities.	<ul style="list-style-type: none"> I can write equations to represent percent problems. I can use the percent equation to find a percent, a part, or a whole.
6.3 Percents of Increase and Decrease	Find percents of change in quantities.	<ul style="list-style-type: none"> I can explain the meaning of percent of change. I can find the percent of increase or decrease in a quantity. I can find the percent error of a quantity.
6.4 Discounts and Markups	Solve percent problems involving discounts and markups.	<ul style="list-style-type: none"> I can use percent models to solve problems involving discounts and markups. I can write and solve equations to solve problems involving discounts and markups.
6.5 Simple Interest	Understand and apply the simple interest formula.	<ul style="list-style-type: none"> I can explain the meaning of simple interest. I can use the simple interest formula to solve problems.