Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Learning Target 8: I can solve real world percent problems.

Objective: I can solve real world tax and tip problems.

**What is sales tax and tip?**

* **Sales Tax** is determined by finding a certain percentage of a purchase price. It is added to your total bill when you make a purchase.
* A **tip** is money given to someone to show appreciation for a service.

**How do we find sales tax and tip?**

**Reminder!!!**: To convert a percent to a decimal, move the decimal point **two** spaces to the left.

**Guided Practice:**

1. Your parents took your family out to dinner. Your parents wanted to give the waiter a 15% tip. If the total amount of the dinner was $42.00, what should be paid to the waiter as a tip?

1. Toby buys a new MP3 player for a price of $45.50. What is the total amount his credit card is charged if the sales tax is 7%?

 Method 1 Method 2

1. John and his family went out to eat at their favorite restaurant. The bill for the food was $65.00, and they a left 20% tip for the server. What was the total cost of their meal (including tip)?

 Method 1 Method 2

1. If the sales tax for the city of Los Angeles is 9.75%, how much tax would you pay for an item that costs $200.00?
2. Mrs. Smith paid $125 to have her hair colored and cut. If she tips her hairdresser 15% of her bill, how much was the tip?
3. Bill and his friends went to Red Robin. Their order consisted of 2 hamburgers at $5.49 each, a chicken sandwich for $6.25, an order of ribs for $12.99, and 4 sodas at $1.75 each. They paid a 7% sales tax, and a 20% tip. How much money did lunch cost them?