

Calculating Tips

Name: _____ **Date:** _____

LEARNING OBJECTIVE

Student will be able to calculate a percentage tip on a bill and split a total bill among multiple people.

MATERIALS NEEDED

- A printed or hand-drawn restaurant 'menu' with prices (student can create one)
- paper
- pencil
- calculator

HANDS-ON ACTIVITY

1. Create a simple menu with at least 6 food items and prices, OR use a real takeout menu.
2. 'Order' a meal for a family of 3-4 by selecting items and adding up the subtotal.
3. Calculate a 15%, 18%, and 20% tip on the subtotal, showing your work for each.
4. Choose one tip amount, add it to the subtotal to get the grand total, then divide the grand total evenly among the number of people to find each person's share.
5. Role-play presenting the 'bill' to family members and explaining how much each person owes and why.

QUESTIONS

1. What was your subtotal, and what were the 15%, 18%, and 20% tip amounts?
-

2. What was your grand total (subtotal + chosen tip), and how much did each person owe when split evenly?
-

3. What's a quick mental-math trick to estimate a 20% tip without a calculator?
-

- 4. If one person only ordered a \$5 drink but the bill is split evenly, is that fair? Propose a fairer way to split it.**
-