

Objective

By the end of this lesson, you will be able to use multiply and divide fact families with money in real life situations.

Materials and Prep

- Pen and paper
- Play money (coins and bills)
- Basic understanding of multiplication and division

Activities

- Activity 1: Shopping Spree

Imagine you have \$20 to spend at a store. Create a list of items you want to buy and calculate the total cost. Then, use fact families to figure out how much change you will get back.

- Activity 2: Lemonade Stand

Set up a pretend lemonade stand and decide on prices for your lemonade cups. Practice using fact families to calculate how much money you will make if you sell a certain number of cups.

- Activity 3: Sharing Money

Divide a sum of money amongst your family members using fact families. For example, if you have \$30 and want to share it equally between 3 people, how much will each person get?

Talking Points

- "Let's use our math skills to go on a shopping spree with our play money!"
- "When we multiply, we are adding equal groups together. For example, if we have 4 quarters and we multiply by 3, we have $4 + 4 + 4$ quarters."
- "Now, let's flip it around. When we divide, we are sharing equally. If we have 12 dimes and we want to divide them into 3 groups, each group will have 4 dimes."
- "Remember, fact families help us understand the relationship between multiplication and division. They work together like a team!"