

Objective

By the end of this lesson, you will be able to use strategies for multiplication and division in a fun and engaging way.

Materials and Prep

- Pencil and paper
- Calculator (optional)

No specific prior knowledge is required for this lesson.

Activities

- **Activity 1: Multiplication War**

Play a game of Multiplication War with a partner. Each player takes turns drawing two cards from a standard deck of cards. Multiply the numbers on the cards together, and the player with the highest product wins the round. Keep playing until one player wins a predetermined number of rounds or all the cards have been used.

- **Activity 2: Division Scavenger Hunt**

Create a scavenger hunt around your house or backyard using division problems. Write down division equations on small pieces of paper and hide them in different locations. Solve each equation to find the next clue. The final clue will lead you to a hidden treasure.

- **Activity 3: Multiplication and Division Fact Practice**

Test your speed and accuracy by practicing multiplication and division facts. Set a timer for a specific amount of time (e.g., 5 minutes) and see how many facts you can solve correctly during that time. Keep track of your progress and try to beat your own record in future practice sessions.

Talking Points

- **Multiplication Talking Points:**

- "Multiplication is a way of adding a number to itself multiple times."
- "When multiplying two numbers, the order of the numbers doesn't matter. The product will be the same."
- "Multiplication can be represented using the 'x' symbol or by placing the numbers next to each other."
- "You can use strategies like skip counting, repeated addition, or using a multiplication chart to solve multiplication problems more easily."

- **Division Talking Points:**

- "Division is the opposite of multiplication. It's about sharing or dividing a number into equal parts."
- "When dividing, we have a dividend (the number being divided) and a divisor (the number we are dividing by). The result is called the quotient."
- "Sometimes division results in a remainder, which is the amount left over after dividing as much as possible."
- "There are different strategies for division, such as using repeated subtraction, using a number line, or using multiplication facts."