

## Objective

By the end of this lesson, the student will have a better understanding of multiplication, including how to multiply single-digit numbers, and will be able to solve simple multiplication problems confidently.

## Materials and Prep

- Paper
- Pencil
- Timer (optional)
- Creative imagination!

Before starting the lesson, ensure the student understands basic addition, as multiplication is often seen as repeated addition.

## Activities

### • Multiplication Story Time:

Have the student create a short story that involves multiplication. For example, if they wanted to write about a party with 4 tables and each table has 3 balloons, they can illustrate this scenario and write a multiplication sentence ( $4 \times 3 = 12$ ).

### • Multiplication Dance:

Turn multiplication into a fun dance! Assign a multiplication fact to a dance move. For example, for  $2 \times 3$ , they can do 2 jumps and then spin 3 times. This will help them remember the facts through movement.

### • Multiplication Bingo:

Create a bingo card with answers to multiplication problems (like 2, 4, 6, 8, 10, etc.). Call out multiplication problems (like  $2 \times 3$ ) and have the student cover the answer if they have it on their card!

### • Multiplication Art:

Have the student draw a picture that represents a multiplication problem. For instance, if they choose  $3 \times 4$ , they could draw 3 groups of 4 apples, helping them visualize the multiplication concept.

## Talking Points

- "Multiplication is just a fast way to add the same number over and over. For example, if we have 4 groups of 3, instead of adding  $3 + 3 + 3 + 3$ , we can say  $4 \times 3$ !"
- "When we multiply, we are finding out how many in total we have when we have equal groups. If there are 5 baskets with 2 oranges each, how many oranges do we have? That's right!  $5 \times 2 = 10$ !"
- "You can think of multiplication like a shortcut. Instead of counting each item one by one, we can count groups. Isn't that cool?"
- "Let's remember that multiplication has a special relationship with division. If you know that  $4 \times 5 = 20$ , you can also say that  $20 \div 5 = 4$ !"
- "Multiplication can be fun with patterns! If you know  $2 \times 5 = 10$ , then  $4 \times 5$  is just double that!"

That's 20!"

- "You can use multiplication in real life, like when you're shopping. If a toy costs \$3 and you want to buy 4 of them, you can figure out the total cost using multiplication!"
- "Multiplication is everywhere! From cooking to sports, we use it to make things easier. For example, if you're baking cookies and the recipe says to make 3 batches of 12 cookies, you can multiply to find out how many cookies you'll have!"
- "Don't forget, practice makes perfect! The more you practice your multiplication facts, the easier they will become!"
- "Let's make a multiplication chart together! It's like a treasure map for finding multiplication answers!"
- "Remember, it's okay to make mistakes! Each mistake is just a step towards learning something new!"