



Introduction to Multiplication

- What is multiplication?
- Why do we use multiplication?
- Example: $2 \times 3 = 6$
- The multiplication sign: \times
- Commutative property: $a \times b = b \times a$

Multiplication Table

- What is a multiplication table?
- How to read a multiplication table
- Example of a multiplication table for 2
- Practice using a multiplication table
- Importance of memorizing multiplication facts

Multiplying by 0 and 1

- Any number multiplied by 0 is 0
- Any number multiplied by 1 is the same number
- Example: $5 \times 0 = 0$
- Example: $6 \times 1 = 6$
- Practice problems with 0 and 1

Multiplying by 2 and 3

- Tips for multiplying by 2 and 3
- Example: $2 \times 4 = 8$
- Example: $3 \times 5 = 15$
- Using skip counting to help with multiplication
- Practice problems with 2 and 3

Multiplying by 4 and 5

- Tips for multiplying by 4 and 5
- Example: $4 \times 3 = 12$
- Example: $5 \times 6 = 30$
- Using patterns to help with multiplication
- Practice problems with 4 and 5

Multiplying by 6 and 7

- Tips for multiplying by 6 and 7
- Example: $6 \times 4 = 24$
- Example: $7 \times 2 = 14$
- Using doubles to help with multiplication
- Practice problems with 6 and 7

Multiplying by 8 and 9

- Tips for multiplying by 8 and 9
- Example: $8 \times 6 = 48$
- Example: $9 \times 3 = 27$
- Using the "finger trick" to help with multiplication
- Practice problems with 8 and 9

Multiplying by 10 and 11

- Tips for multiplying by 10 and 11
- Example: $10 \times 8 = 80$
- Example: $11 \times 4 = 44$
- Using place value to help with multiplication
- Practice problems with 10 and 11

Review of Multiplication Strategies

- Review of tips and tricks for multiplying by each number
- Examples of using multiple strategies to solve a problem
- Importance of choosing the most efficient strategy
- Practice problems using various strategies
- Encouragement to keep practicing and memorizing multiplication facts

Real-Life Applications of Multiplication

- Examples of how we use multiplication in everyday life
- Grocery shopping: finding the total cost of items
- Measuring: finding the area of a room
- Time: calculating how many hours in a day
- Encouragement to look for opportunities to use multiplication in everyday life

Multiplication Games and Activities

- Fun games and activities to practice multiplication
- Multiplication Bingo
- Multiplication War
- Multiplication Race
- Using online resources for practice
- Encouragement to have fun while practicing multiplication

Common Multiplication Mistakes

- Review of common mistakes when multiplying
- Misunderstanding the commutative property
- Misremembering multiplication facts
- Misreading the multiplication sign
- Tips for avoiding common mistakes
- Practice problems to avoid common mistakes

Multiplication Challenge

- A multiplication challenge for the class
- Encouragement to use all the strategies learned
- Certificate or prize for those who successfully complete the challenge
- Importance of continuing