

Objective

By the end of this lesson, you will be able to solve problems involving grouping symbols with integers.

Materials and Prep

- Paper
- Pencil
- Calculator (optional)

No prior knowledge is required for this lesson.

Activities

- **Activity 1: Grouping Practice**
Solve the following problems using grouping symbols: (a) $5 + 3 \times 2$, (b) $(4 + 2) \times 3$, (c) $10 - (4 + 2)$, (d) $8 \div (2 + 1)$.
- **Activity 2: Real-life Scenarios**
Create your own word problems involving grouping symbols with integers. Share them with a family member and solve each other's problems.
- **Activity 3: Calculator Challenge**
Use a calculator to solve more complex problems involving grouping symbols. Try to beat your own time record!

Talking Points

- **Grouping Symbols**
"Grouping symbols like parentheses () or brackets [] help us determine the order of operations in a math problem."
- **PEMDAS Rule**
"Remember PEMDAS: Parentheses, Exponents, Multiplication and Division (from left to right), Addition and Subtraction (from left to right)."
- **Practice Makes Perfect**
"The more we practice problems with grouping symbols, the easier it becomes to solve them accurately and quickly."
- **Check Your Work**
"Always double-check your answers when solving problems with grouping symbols to avoid simple mistakes."