



Order of Operations Introduction

Name: _____

Date: _____

Grade: Grade 4

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: $9 + 3 \times 2$ equals $12 \times 2 = 24$ because we go left to right always.

Rewrite: _____

2. Fix the sentence: $20 / 4 + 1$ equals $20 / 5 = 4$ since you add $4 + 1$ first.

Rewrite: _____

3. Fix the sentence: For $7 - 3 + 2$, you do $3 + 2$ first to get $7 - 5 = 2$.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. Evaluate: $10 + 5 \times 4 =$ _____

2. Evaluate: $18 / 6 + 7 =$ _____

3. Evaluate: $15 - 2 \times 6 =$ _____

4. In PEMDAS, the letter M stands for _____

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain why $6 + 4 \times 2$ is not equal to 20.

2. When two operations have the same rank, how do you decide which to do first?

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: $9 + 3 \times 2$ equals $12 \times 2 = 24$ because we go left to right always.

Rewrite: $9 + 3 \times 2$ equals $9 + 6 = 15$ because multiplication comes before addition.

2. Fix the sentence: $20 / 4 + 1$ equals $20 / 5 = 4$ since you add $4 + 1$ first.

Rewrite: $20 / 4 + 1$ equals $5 + 1 = 6$ since division is performed before addition.

3. Fix the sentence: For $7 - 3 + 2$, you do $3 + 2$ first to get $7 - 5 = 2$.

Rewrite: For $7 - 3 + 2$, work left to right: $7 - 3 = 4$, then $4 + 2 = 6$.

Part B: Fill in the Blank

Write the missing word or number on each line.

1. Evaluate: $10 + 5 \times 4 =$ 30

2. Evaluate: $18 / 6 + 7 =$ 10

3. Evaluate: $15 - 2 \times 6 =$ 3

4. In PEMDAS, the letter M stands for multiplication

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain why $6 + 4 \times 2$ is not equal to 20.

Because we must multiply 4×2 first to get 8, then add 6 for a total of 14.

2. When two operations have the same rank, how do you decide which to do first?

You work from left to right when operations share the same rank, like addition and subtraction.
