



Order of Operations (PEMDAS)

Name: _____

Date: _____

Grade: Grade 5

Part A: Fix the Sentence

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

1. Fix the sentence: $7 + 8 \div 2 = 7.5$

Rewrite: _____

2. Fix the sentence: $15 - 3 \times 3 = 36$

Rewrite: _____

3. Fix the sentence: $2 + 10 \div 5 \times 3 = 7.2$

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. In PEMDAS, the E stands for _____.

2. $3 \times 7 - 10 =$ _____.

3. $18 \div 9 + 6 \times 2 =$ _____.

4. $4 + 16 \div 4 - 1 =$ _____.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. A student wrote $6 + 3 \times 2 = 18$. What mistake did the student make?

2. Addition and subtraction are done left to right in PEMDAS. Show how to solve $20 - 5 + 3 - 1$.

Part A: Fix the Sentence

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

1. Fix the sentence: $7 + 8 \div 2 = 7.5$

Rewrite: $7 + 8 \div 2 = 11$

2. Fix the sentence: $15 - 3 \times 3 = 36$

Rewrite: $15 - 3 \times 3 = 6$

3. Fix the sentence: $2 + 10 \div 5 \times 3 = 7.2$

Rewrite: $2 + 10 \div 5 \times 3 = 8$

Part B: Fill in the Blank

Write the missing word or number on each line.

1. In PEMDAS, the E stands for Exponents.

2. $3 \times 7 - 10 = \underline{11}$.

3. $18 \div 9 + 6 \times 2 = \underline{14}$.

4. $4 + 16 \div 4 - 1 = \underline{7}$.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. A student wrote $6 + 3 \times 2 = 18$. What mistake did the student make?

The student added $6 + 3$ first to get 9, then multiplied by 2. The correct way is to multiply first: $3 \times 2 = 6$, then $6 + 6 = 12$.

2. Addition and subtraction are done left to right in PEMDAS. Show how to solve $20 - 5 + 3 - 1$.

Work left to right: $20 - 5 = 15$, then $15 + 3 = 18$, then $18 - 1 = 17$. The answer is 17.
