



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: $3 + 4 \times 2 = 14$

Rewrite: _____

2. Fix the sentence: $10 - 2 \times 3 = 24$

Rewrite: _____

3. Fix the sentence: $8 + 12 \div 4 = 5$

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. In PEMDAS, the P stands for _____.

2. $6 + 3 \times 5 =$ _____.

3. $20 - 8 \div 2 =$ _____.

4. $7 \times 2 + 3 =$ _____.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain why $5 + 2 \times 6$ equals 17, not 42.

2. What does PEMDAS stand for? List each word.

Answer Key · Order of Operations (PEMDAS) · Grade: Grade 5

Part A: Fix the Sentence

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

1. Fix the sentence: $3 + 4 \times 2 = 14$

Rewrite: $3 + 4 \times 2 = 11$

2. Fix the sentence: $10 - 2 \times 3 = 24$

Rewrite: $10 - 2 \times 3 = 4$

3. Fix the sentence: $8 + 12 \div 4 = 5$

Rewrite: $8 + 12 \div 4 = 11$

Part B: Fill in the Blank

Write the missing word or number on each line.

1. In PEMDAS, the P stands for Parentheses.

2. $6 + 3 \times 5 = \underline{21}$.

3. $20 - 8 \div 2 = \underline{16}$.

4. $7 \times 2 + 3 = \underline{17}$.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain why $5 + 2 \times 6$ equals 17, not 42.

You must multiply before adding. $2 \times 6 = 12$, then $5 + 12 = 17$. Adding first gives the wrong answer.

2. What does PEMDAS stand for? List each word.

Parentheses, Exponents, Multiplication, Division, Addition, Subtraction.
