

Order of Operations without Parentheses

Assignment

Math 5

Part 1: Given the numerical expressions below, identify the order of operations to use (**Multiplication**, **Division**, **Addition** and **Subtraction**) to get the correct answer.

1.

$$16 \div 4 \times 2 - 8 + 5$$

2.

$$10 - 5 \times 2 \div 5 + 8$$

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3.

$$12 - 10 + 4 \times 6 - 26$$

4.

$$20 \div 4 \times 5 \div 5 \times 4$$

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Part 2: Evaluate the following numerical expressions.

1. $16 - 4 \div 2 \times 8 + 5$

2. $16 \div 4 \times 2 - 8 + 5$

3. $10 + 15 \div 3 \times 3 - 25$

4. $7 \times 8 + 5 - 18 \div 2 + 7$

5. $13 - 3 + 8 \div 2 \times 5 - 9$

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6. $7 + 10 \div 5 + 12 - 4 \times 3$

7. $10 - 2 + 2 \times 4 \div 4 - 10$

8. $36 \div 9 + 2 \times 8 + 4 - 16$

9. $20 + 30 - 100 \div 20 \times 5$

10. $1000 \div 100 \times 10 - 100 + 100$

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Part 3: Read and solve the following problems.

1. Mitch bought 4 pairs of shoes for \$32 each. She paid the cashier \$150.
 - a. Write a numerical expression that would represent the situation above.
 - b. How much money does Mitch have left?

2. John bought 10 pencils for \$1.50 dollars each and 14 notebooks for \$2.25 each.
 - a. Write a numerical expression that would represent the situation above.
 - b. How much money did John spend?