Learning Activity Sheet
Performing a Series of Two or More Operations Involving Whole Numbers Using PMDAS or GMDAS

A. Find the value of each mathematical expression. Write your final answer on the blank.

1. $(7 \times 5 + 2) + 4 \times (7 + 2) \div 3$ = _____

2. $[(16 \times 3) - (45 - 15)] \div 9 + 2(16 - 3)$ = _____

3. $\{8 \times [(3 \times 4) - 4] \div 4\} + 70 - (9 \times 6)$ = _____

4. $(7 - 3) \times (4 + 7) \div (10 - 6)$ = _____

5. $[10 \times (5 + 4) + 15] \div 35$ = _____

6. $21 \div (4 + 3) + 9 - 2$ = _____

7. $6 \times (5 + 4) - 8 \times 2 + 10$ = _____

8. $(27 \div 3) \times (4 + 5)$ = _____

9. $12 \times 3 - 4 \times (9 + 3) \div 8$ = _____

10. $6 \times (16 \div 2) - 3 \times 6 + 17$ = _____

B. Choose the letter of the correct answer.

1. What is the value of $7 \times (15 - 9) - 12 + 3$?
   - a. 27
   - b. 33
   - c. 51
   - d. 105

2. What is the value of $48 - [(40 - 4) \div 6] + (24 \div 3)$?
   - a. 10
   - b. 34
   - c. 50
   - d. 62

3. Which one is NOT equal to 9?
   - a. $21 - 3 \times (12 \div 3)$
   - b. $3 \times (5 + 4) \div 9 + 6$
   - c. $(2 \times 8) \div 2 \times 1$
   - d. $14 - 2(1 + 2) \div 3$

4. Which operation must be performed first to simplify $15 \times (6 \div 2) - 4 + 3$?
   - a. Addition
   - b. Subtraction
   - c. Multiplication
   - d. Division

5. What is the value of $[(20 + 4) - (12 - 4)] \div 4 + 19$?
   - a. 9
   - b. 17
   - c. 23
   - d. 41

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