



Order of Operations (PEMDAS)

Name: _____

Date: _____

Grade: Grade 5

Part A: Multiple Choice

Circle the best answer for each question.

1. A store sells 3 packs of pencils at \$2 each and 2 notebooks at \$5 each. Find: $3 \times 2 + 2 \times 5$

- A) \$16
- B) \$25
- C) \$20
- D) \$30

2. Emma has 4^2 stickers and gives away 3×3 . How many remain? Find: $4^2 - 3 \times 3$

- A) 9
- B) 7
- C) 3
- D) 39

3. A baker makes $(6+4) \times 3$ cookies then sells $2^2 \times 5$ of them. How many remain?

- A) 10
- B) 15
- C) 20
- D) 25

4. A garden has 2 rows of $(3+5)$ flowers plus 3^2 extra flowers. Total: $2 \times (3+5) + 3^2$

- A) 25
- B) 22
- C) 19
- D) 28

Part B: Fill in the Blank

Write the correct answer on each line.

1. A class has 5 groups of $(2 + 4)$ students. Total: $5 \times (2 + 4) =$ _____ .
2. Sam earns $\$3^2$ per hour, works 4 hours, then spends \$6. He has $3^2 \times 4 - 6 = \$$ _____ .
3. A shelf holds $2^3 + 3 \times 4$ books. That equals _____ books.
4. A recipe needs $(8 - 3) \times 2 + 5$ cups of flour. That is _____ cups.
5. There are $6^2 \div 4 - 2$ seats left in a theater. That is _____ seats.

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Part B: Fill in the Blank

Write the correct answer on each line.

1. A class has 5 groups of $(2 + 4)$ students. Total: $5 \times (2 + 4) = \underline{30}$.
2. Sam earns $\$3^2$ per hour, works 4 hours, then spends \$6. He has $3^2 \times 4 - 6 = \$\underline{30}$.
3. A shelf holds $2^3 + 3 \times 4$ books. That equals 20 books.
4. A recipe needs $(8 - 3) \times 2 + 5$ cups of flour. That is 15 cups.
5. There are $6^2 \div 4 - 2$ seats left in a theater. That is 7 seats.