Continued Product (Multiplication)

A. Choose the correct answer:

- 1. What is the continued product of $5 \times 2 \times 3$?
 - a) 30
 - b) 25
 - c) 15
 - d) 10
- 2. Which of the following is a correct way to find the continued product of 3, 4, and 2?
 - a) $3 \times 4 = 12$, then $12 \times 2 = 24$
 - b) $4 \times 3 = 12$, then $12 \times 2 = 24$
 - c) $3 \times 2 = 6$, then $6 \times 4 = 24$
 - d) All of the above

3. The continued product of 6, 2, and 4 is:

- a) 48
- b) 36
- c) 24
- d) 12

B. Fill in the Blanks

- 1. The continued product of 2 × 4 × 6 is _____
- 2. 8 × 2 × 3 = _____
- 3. In continued product, we multiply the numbers one by one starting from the
- 4. The continued product of 5 × 5 × 5 is _____
- 5. The commutative property of multiplication states that the continued product of numbers can be found in any _____

C. Different Type Questions

- 1. Find the continued product of 6, 3, and 2.
- 2. Multiply $4 \times 2 \times 3$ and explain each step of the multiplication process.
- 3. A box contains 2 rows of 5 apples, and each row has 3 apples. Find the total number of apples using continued product.

- 4. Multiply $5 \times 4 \times 6$ using continued product and show each step.
- 5. A teacher wants to distribute 3 packets of 4 pencils each to 5 students. Use continued product to find the total number of pencils.

D. Mark each sentence with a True (✓) or False (X):

- 1. In continued product, the order of multiplication doesn't matter.
- 2. $2 \times 3 \times 4 = 24$, because multiplication is associative.
- 3. The continued product of $1 \times 2 \times 3$ is 6.
- 4. $3 \times 2 \times 4$ is equal to 24, but the order doesn't affect the result.
- 5. In continued product, you can multiply the numbers in any order.

E. Miscellaneous Questions

- 1. Find the continued product of $7 \times 2 \times 3$ and explain the reasoning behind each step.
- 2. A farmer plants 5 rows of 4 trees each. If each row has 6 trees, how many trees are there in total?
- 3. Find the continued product of $10 \times 3 \times 5$ and explain the steps involved.
- 4. Write a word problem where continued product is used and solve it.
- 5. Solve: The continued product of 2, 3, and 4 gives the total number of books. What is the result?