Subject: Mathematics

Class: 6

Topic: Whole Numbers (Properties of Whole Numbers)

Levels: Basic, Intermediate, Advanced

Level: Basic

1. The smallest whole number is _____.

2. The predecessor of the smallest whole number does not exist in whole numbers. (True/False): _____

3. Find the sum of 234 and 197 using basic addition: ? _____

4. What is the successor of 9,999? _____

5. All natural numbers are whole numbers. (True ? False): _____

6. If you add 0 to 545, the result is _____.

7. Which whole number is represented by the symbol ? on a number line if it is 3 steps right of 0? _____

8. Write the next three whole numbers after 1001: _____, _____, _____

9. The additive identity for whole numbers is _____.

10. Draw ? ? ? ? (triangles) to represent the number 4.

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Level: Intermediate

1. Solve using Commutative property: 25 + 40 = 40 + _____

2. A shopkeeper sells a pen for ? 12 and a pencil for ? 8. Total cost for 5 sets is 5 ? (12 + 8). Solve: ? _____

3. Is (8 - 5) the same as (5 - 8) in whole numbers? [?] Yes | [?] No

4. Find the product using rearrangement: 2 × 1768 × 50 = _____

5. The multiplicative identity for whole numbers is _____.

6. Solve: 126 × 1 = _____ and 126 × 0 = _____

7. Use the Distributive property: 12 × (10 + 2) = (12 × 10) + (12 × _____)

8. If a basket has ? ? ? ? ? ? (6 flowers), how many flowers are in 0 baskets? _____

9. Name the property: a + b = b + a is the _____ property.

10. Rahul has ? 500. He spends ? 0. How much money is left with him? ? _____

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Level: Advanced

1. Solve using Distributive property: 728 × 101 = _____

2. If ? represents a whole number such as ? + 0 = ?, then ? is called the _____ identity.

3. Find the value of (456 × 10) + (456 × 90) using properties: _____

4. Is division by zero defined for whole numbers? [?] Yes | [?] No

5. The property used in 25 × (4 × 10) = (25 × 4) × 10 is called _____ property.

6. If the product of two whole numbers is zero, then _____ of them must be zero.

7. Solve: 125 × 8 × 4 × 25 = _____

8. A school canteen charges ? 20 for lunch and ? 4 for milk for each day. How much money do you spend in 5 days? ? _____

9. Verify the Associative property: (3 + 4) + 5 = 3 + (4 + _____)

10. Challenge: If n is a whole number such that n + n = n, then the value of n is _____.