

Name \_\_\_\_\_

## Unlocking the Mystery of Prime and Composite Numbers

### Short Answer Key

1. A prime number has exactly two factors: 1 and itself. Example: 5.
2. A composite number has more than two factors, whereas a prime number has exactly two factors.
3. No, because it does not have exactly two factors. It has only one factor, which is itself.
4. Prime and composite numbers are used in determining factors and multiples, understanding divisibility, and simplifying fractions.
5. Example: 8. Factors: 1, 2, 4, 8.

