

6th Grade Math

Week of April 27th – May 1st

Assignment #2

Write your answers to problems 1 - 15 in the blanks below.

Prime and Composite Numbers

Name _____

Date _____

A **prime number** is a whole number greater than 1 that has exactly two factors, itself and 1.

$$1 \times 7 = 7 \quad \text{Factors of 7: 1, 7}$$

7 is a prime number.

A **composite number** is a whole number greater than 1 that has more than two factors.

$$1 \times 6 = 6$$
$$2 \times 3 = 6 \quad \text{Factors of 6: 1, 2, 3, 6}$$

6 is a composite number.

Write whether each is *prime*, *composite*, or *neither*.

- | | | |
|--------------|-------------|--------------|
| 1. 6 _____ | 2. 11 _____ | 3. 15 _____ |
| 4. 5 _____ | 5. 38 _____ | 6. 79 _____ |
| 7. 1 _____ | 8. 24 _____ | 9. 56 _____ |
| 10. 23 _____ | 11. 2 _____ | 12. 16 _____ |
| 13. 90 _____ | 14. 0 _____ | 15. 3 _____ |