

Unit 1: Factors and Multiples

CONCEPT

Name: _____ Date: _____

Solve each problem and write your short answer on the line. Show your thinking if it helps.

1. Is 3 a factor of 18? Answer yes or no.

Answer: _____

2. What is the 5th multiple of 4? (Count: 4, 8, 12, ...)

Answer: _____

3. Is 11 a prime or a composite number? Answer prime or composite.

Answer: _____

4. A rectangle has an area of 15 square units and one side of length 3. What is the length of the other side?

Answer: _____

5. How many factors does 10 have in all? (Count every factor of 10.)

Answer: _____

6. What is the greatest factor of 24 that is smaller than 24 itself?

Answer: _____

7. Is 21 a prime or a composite number? Answer prime or composite.

Answer: _____

8. What is the smallest multiple of 8 that is greater than 30?

Answer: _____

9. Is 6 a factor of 42? Answer yes or no.

Answer: _____

10. What is the 3rd multiple of 9? (Count: 9, 18, ...)

Answer: _____

11. A rectangle has an area of 20 square units and one side of length 4. What is the length of the other side?

Answer: _____

12. Is the number 1 prime, composite, or neither? Answer prime, composite, or neither.

Answer: _____