



Factors and Multiples

Name: _____

Date: _____

Grade: Grade 4

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: The factors of 12 are 1, 2, 3, 6, and 12.

Rewrite: _____

2. Fix the sentence: 15 is a prime number because it ends in 5.

Rewrite: _____

3. Fix the sentence: The first five multiples of 4 are 4, 8, 12, 16, 24.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A factor of a number divides it with no _____.
2. The number 1 is a factor of _____ number.
3. The first three multiples of 6 are 6, 12, and _____.
4. A number that has exactly two factors is called _____.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. What is the difference between a factor and a multiple?

2. List all the factor pairs of 24.

Answer Key · Factors and Multiples · Grade: Grade 4

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: The factors of 12 are 1, 2, 3, 6, and 12.

Rewrite: **The factors of 12 are 1, 2, 3, 4, 6, and 12.**

2. Fix the sentence: 15 is a prime number because it ends in 5.

Rewrite: **15 is a composite number because it has factors other than 1 and itself, such as 3 and 5.**

3. Fix the sentence: The first five multiples of 4 are 4, 8, 12, 16, 24.

Rewrite: **The first five multiples of 4 are 4, 8, 12, 16, 20.**

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A factor of a number divides it with no **remainder**.
2. The number 1 is a factor of **every** number.
3. The first three multiples of 6 are 6, 12, and **18**.
4. A number that has exactly two factors is called **prime**.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. What is the difference between a factor and a multiple?

A factor divides evenly into a number, while a multiple is the result of multiplying that number by a whole number. For example, 3 is a factor of 12 and 12 is a multiple of 3.

2. List all the factor pairs of 24.

The factor pairs of 24 are 1 and 24, 2 and 12, 3 and 8, and 4 and 6.
