



Factors and Multiples

Name: _____

Date: _____

Grade: Grade 4

Part A: Multiple Choice

Circle the best answer for each question.

1. How many factors does 48 have?

- A) 8
- B) 9
- C) 10
- D) 12

2. How many prime numbers are between 20 and 30?

- A) 1
- B) 2
- C) 3
- D) 4

3. What is the least common multiple of 8 and 12?

- A) 16
- B) 24
- C) 48
- D) 96

4. Is 51 prime or composite?

- A) Prime
- B) Composite
- C) Neither
- D) Both

Part B: Fill in the Blank

Write the correct answer on each line.

1. The GCF of 24 and 36 is _____ .
2. All prime numbers greater than 2 are _____ numbers.
3. The number 100 has _____ factor pairs.
4. The LCM of 5 and 12 is _____ .
5. The prime factorization of 36 is $2 \times 2 \times 3 \times$ _____ .

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- B) Composite
- C) Neither
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Part B: Fill in the Blank

Write the correct answer on each line.

1. The GCF of 24 and 36 is 12 .
2. All prime numbers greater than 2 are odd numbers.
3. The number 100 has 5 factor pairs.
4. The LCM of 5 and 12 is 60 .
5. The prime factorization of 36 is $2 \times 2 \times 3 \times$ 3 .