



Factors and Multiples

Name: _____

Date: _____

Grade: Grade 4

Part A: Multiple Choice

Circle the best answer for each question.

1. Hot dogs come in packs of 8 and buns in packs of 6. What is the fewest of each you need so they match?

- A) 16
- B) 24
- C) 32
- D) 48

2. A teacher wants to arrange 60 chairs in equal rows. How many ways can she do it?

- A) 8
- B) 10
- C) 12
- D) 14

3. Which number is NOT divisible by 9?

- A) 72
- B) 54
- C) 35
- D) 81

4. Sam has 18 red marbles and 24 blue marbles. He puts them in groups with equal reds and equal blues. What is the greatest number of groups?

- A) 3
- B) 4
- C) 6
- D) 9

Part B: Fill in the Blank

Write the correct answer on each line.

1. Buses leave every 15 minutes and trains leave every 20 minutes. They both leave at 8:00 AM and next leave together at 8: _____ AM.

2. The GCF of 30 and 45 is _____.

3. A number is divisible by 6 if it is divisible by both 2 and _____.

4. The LCM of 9 and 12 is _____.

5. There are _____ prime numbers less than 20.

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4. Sam has 18 red marbles and 24 blue marbles. He puts them in groups with equal reds and equal blues. What is the greatest number of groups?

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- D) 9

Part B: Fill in the Blank

Write the correct answer on each line.

1. Buses leave every 15 minutes and trains leave every 20 minutes. They both leave at 8:00 AM and next leave together at 8: 60 AM.
2. The GCF of 30 and 45 is 15.
3. A number is divisible by 6 if it is divisible by both 2 and 3.
4. The LCM of 9 and 12 is 36.
5. There are 8 prime numbers less than 20.