





6. Two bells ring every 6 minutes and 8 minutes. If they ring together at 10:00 a.m., at what time will they ring together next?
7. Identify whether 1 is a factor of every number. Justify your answer.
8. Explain how finding the LCM helps in solving problems involving repeated events.

**D. Mark each sentence with a True (✓) or False (X):**

1. 1 is a common factor of all numbers.
2. The least common multiple of any two prime numbers is their product.
3. The GCF of two consecutive numbers is always greater than 1.
4. All multiples of 4 are also multiples of 2.
5. Common multiples of two numbers are always greater than both numbers.

**E. Challenge yourself with these questions:**

1. Find the GCF and LCM of 42 and 56.
2. Name two numbers whose GCF is 5 and LCM is 60.
3. Draw a factor tree for 72 and 90 and circle their common prime factors.
4. A boy jumps every 4 seconds and a girl jumps every 6 seconds. After how many seconds will they jump together?
5. Which number is a common multiple of 2, 3, and 5 but not of 4?
6. Find the GCF of 108 and 144 using the division method.
7. Write any two pairs of numbers whose LCM is 30.
8. Choose any two numbers less than 20 and find both their common factors and common multiples.