Worksheets

Worksheet 1

1. Which of the following numbers is divisible by 4?

   4242, 4048, 4346
2. Is 3450 divisible by 15?
3. Find the HCF of 8, 12 and 100 by short division method.
4. Find the HCF of 240 and 924 by long division method.
5. Two wires of lengths 126 cm and 210 cm are cut into pieces of the same length. Find the greatest possible length of the pieces.
6. Find the LCM of 9, 12 and 24 by the prime factorisation method.
7. Find the LCM of 28, 30 and 35 by short division method.
8. The HCF of two numbers is 3, and the LCM is 90. If one of the numbers is 15, find the other number.
9. Find the product of two numbers, whose HCF is 3 and LCM is 108?
10. What number should be added to 170 to make it exactly divisible by 9, 12 and 15?

Worksheet 2

1. Which of the following numbers is divisible by 11?

   1234, 1243, 4231
2. Is 3450 divisible by 6?
3. Find the HCF of 12, 16 and 20 by short division method.
4. Find the HCF of 36 and 90 by long division method.
5. A shopkeeper has 140 litres of one kind of oil and 350 litres of another kind of oil. He wants to sell the oil by filling the two kinds of oil in tins of equal volume. What is the greatest capacity of such a tin?
6. Find the LCM of 14, 20 and 32 by prime factorisation method.
7. Find the LCM of 18, 24 and 60 by short division method.
8. The product of two numbers is 300. If the LCM is 60, find the HCF.
9. Find the product of two numbers, whose HCF is 4 and LCM is 8.
10. What number should be subtracted from 640 to make it exactly divisible by 6, 10 and 14?

Answers to Worksheet 1

1. 4048   2. 3450 is divisible by 15.   3. 4   4. 12
5. 42 cm   6. 72   7. 420   8. 18   9. 324
10. 10 should be added.

Answers to Worksheet 2

1. 1243   2. Yes, 3450 is divisible by 6.   3. 4   4. 18
5. 70 litres   6. 1120   7. 360   8. 5   9. 32
10. 10 should be subtracted.