

1. Find H.C.F. orally:
(a) 10, 100 (b) 15, 19 (c) 20, 25 (d) 16, 24
2. Use prime factorisation to find H.C.F. of the following numbers:
(a) 15, 42 (b) 66, 176 (c) 24, 60 (d) 24, 40
(e) 72, 84 (f) 84, 132 (g) 60, 105 (h) 150, 210, 135
3. Use common division method to find the H.C.F. of the following numbers:
(a) 9, 12 (b) 12, 42 (c) 22, 55 (d) 42, 70
(e) 12, 18, 24 (f) 42, 70, 84 (g) 36, 48, 60
4. Use long division method to find the H.C.F. of the following numbers:
(a) 135 and 165 (b) 198 and 360 (c) 144 and 312
(d) 400 and 575 (e) 2684 and 1098 (f) 36372 and 78806
(g) 219, 1102 and 1218 (h) 1456, 1183 and 3640

1. Find L.C.M. by prime factorisation method:

(a) 12, 15

(b) 16, 64

(c) 24, 56

(d) 3, 4, 6

(e) 6, 8, 10

(f) 6, 15, 30

2. Find L.C.M. of the following numbers:

(a) 20, 50

(b) 72, 96

(c) 55, 77

(d) 4, 8, 12

(e) 6, 15, 25, 30

(f) 12, 18, 24, 36

(g) 10, 15, 20, 25

(h) 16, 18, 32, 48

(i) 12, 15, 18, 24

3. Find L.C.M. of the following numbers:

(a) 175, 168 and 350

(b) 96, 108 and 180

BAN

1. Find the L.C.M. of the following:

(a) 576 and 1440

(b) 625 and 325

(c) 270 and 450

2. Find the greatest number which divides 18 and 24 exactly.

3. Two big packets of books contain 54 books of Hindi and 84 books of English respectively. These books are to be packed into small packets which will contain same number of books of the two subjects separately. How many maximum number of books of each subject can be packed in each small packet?

4. The students of two classes are to stand separately into rows having same number of students. There are 24 and 36 students in the two classes. How many maximum number of students will stand in each row?

5. A shopkeeper sold mathematics books for ₹108 on Monday and for ₹84 on Tuesday. What can be the maximum price of each book?

6. Find the least number which is exactly divisible by 9, 12 and 18.
7. A big can contains some milk. Pots of 2 litres, 4 litres or 5 litres capacity are to be filled whole number of times from it. What can be the least capacity of the big can?
8. What is the least number of bananas a teacher should have so that when he distributes equal number of them to his three groups of 10, 15 or 25 students, no banana is left with him?
9. Three bells ring at intervals of 15, 20 and 30 minutes. If they all ring at 11 a.m. together, at what time will they next ring together?
10. An army officer wants to form equal rows of 15, 20 or 25 soldiers. How many minimum number of soldiers should he have?