

III. Say True of False:

5 x 1 = 5

11. HCF of a co-prime is 1. _____
12. 1 m = 10 mm. _____
13. 2 days = 48 hours. _____
14. Equilateral triangles are also an acute triangles. _____
15. In the SI system centimeter is the measure for weight. _____

IV. Match the following:

5 x 1 = 5

16. $N_1 \times N_2$ - 365 days
17. 3 km - LCM \times HCF
18. 1 year - Anti meridian
19. 300 min - 3000 m
20. a.m - 5 hrs

V. Answer the following: (Any 10)

10 x 2 = 20

21. Check whether the number is divisible by 9. Give reasons for your answer: 358965
22. Find the factors of the following number using a factor tree: 384
23. Write two common multiples of 2, 4.
24. Find LCM of 12, 16 and 24.
25. Convert the following:
- a) 7 l = _____ ml
- b) 8235 m = _____ km

26. Subtract: 15 kg 300 gm from 75 kg 100 gm
27. Convert the seconds into minutes: a) 540 seconds b) 840 seconds
28. Draw a rough diagram for each of the following triangles:
a) Right isosceles triangle b) Obtuse isosceles triangle
29. Draw a tree diagram for the expression: $(4x + 3) \times (3x - 5)$
30. After how many hours and minutes does 3:30 become 9:15?
31. Draw a tree diagram for $[5 + (6 \div 3)] \times [(2 \div 3) - 7]$

VI. Do the following: (Any 4)

4 x 5 = 20

32. a) Check whether the following number is divisible by 4 or not: 9856
b) Check whether the following number is divisible by 8 or not:
36496
33. Find the HCF of 729, 864 and 945.
34. Kanchana buys 2 kgs of potatoes, 3.5 kgs of tomatoes, 1.275 kgs of beans and 5.550 kgs of onions. What is the total weight she bought?
35. Two train services X and Y arrive at a station. Train X arrives at the station every 16 minutes whereas train Y arrives every 24 minutes. If the first train arrives at the station at 8:00 a.m., when will both the trains arrive together at the same station again?
36. Draw tree diagrams:
a) $10x + 9y$ b) $6x$