



LAKSHYA ACADEMY



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HCF & LCM

- The LCM of two numbers is 864 and their HCF is 144. If one of the number is 288, the other number is :
(1) 576 (2) 1296 (3) 432 (4) 144
- LCM of two numbers is 225 and their HCF is 5. If one number is 25, the other number will be:
(1) 5 (2) 25 (3) 45 (4) 225
- The L.C.M. of two numbers is 1820 and their H.C.F. is 26. If one number is 130 then the other number is :
(1) 70 (2) 1690 (3) 364 (4) 1264
- The LCM of two numbers is 1920 and their HCF is 16. If one of the number is 128, find the other number.
(1) 204 (2) 240 (3) 260 (4) 320
- The HCF of two numbers 12906 and 14818 is 478. Their LCM is
(1) 400086 (2) 200043 (3) 600129 (4) 800172
- The H.C.F. and L.C.M. of two 2-digit numbers are 16 and 480 respectively. The numbers are :
(1) 40, 48 (2) 60, 72 (3) 64, 80 (4) 80, 96
- The HCF of two numbers is 16 and their LCM is 160. If one of the number is 32, then the other number is
(1) 48 (2) 80 (3) 96 (4) 112
- The product of two numbers is 4107. If the H.C.F. of the numbers is 37, the greater number is
(1) 185 (2) 111 (3) 107 (4) 101
- The HCF of two numbers is 15 and their LCM is 300. If one of the number is 60, the other is :
(1) 50 (2) 75 (3) 65 (4) 100
- The HCF and LCM of two numbers are 12 and 924 respectively. Then the number of such pairs is
(1) 0 (2) 1 (3) 2 (4) 3
- The LCM of two numbers is 30 and their HCF is 5. One of the number is 10. The other is
(1) 20 (2) 25 (3) 15 (4) 5

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- The product of two numbers is 1280 and their H.C.F. is 8. The L.C.M. of the number will be :
(1) 160 (2) 150 (3) 120 (4) 140
- The H.C.F. and L.C.M. of two numbers are 8 and 48 respectively. If one of the number is 24, then the other number is
(1) 48 (2) 36 (3) 24 (4) 16
- The H.C.F and L.C.M of two numbers are 12 and 336 respectively. If one of the number is 84, the other is
(1) 36 (2) 48 (3) 72 (4) 96
- The product of two numbers is 216. If the HCF is 6, then their LCM is
(1) 72 (2) 60 (3) 48 (4) 36



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21. The LCM of two numbers is 4 times their HCF. The sum of LCM and HCF is 125. If one of the number is 100, then the other number is

- (1) 5 (2) 25 (3) 100 (4) 125

22. Product of two co-prime numbers is 117. Then their L.C.M. is

- (1) 117 (2) 9 (3) 13 (4) 39

23. The product of two numbers is 2160 and their HCF is 12. Number of such possible pairs is

- (1) 1 (2) 2 (3) 3 (4) 4

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24. LCM of two numbers is 2079 and their HCF is 27. If one of the number is 189, the other number is

- (1) 297 (2) 584 (3) 189 (4) 216

25. The product of two numbers is 2028 and their HCF is 13. The number of such pairs is

- (1) 1 (2) 2 (3) 3 (4) 4

26. The HCF and LCM of two numbers are 13 and 455 respectively. If one of the number lies between 75 and 125, then, that number is :

- (1) 78 (2) 91 (3) 104 (4) 117

27. The H.C.F. of two numbers is 8. Which one of the following can never be their L.C.M.?

- (1) 24 (2) 48 (3) 56 (4) 60

28. The HCF of two numbers is 23 and the other two factors of their LCM are 13 and 14. The larger of the two numbers is :

- (1) 276 (2) 299 (3) 345 (4) 322

29. The L.C.M. of three different numbers is 120. Which of the following cannot be their H.C.F.?

- (1) 8 (2) 12 (3) 24 (4) 35

30. The H.C.F. and L.C.M. of two numbers are 44 and 264 respectively. If the first number is divided by 2, the quotient is 44. The other number is

- (1) 147 (2) 528 (3) 132 (4) 264

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