



1. Find the LCM of {9,8,10}

- (i) 358 (ii) 359 (iii) 361 (iv) 360 (v) 362

2. Find the LCM of {240,360}

- (i) 721 (ii) 719 (iii) 720 (iv) 717 (v) 722

3. Find the HCF of {45,8,32,30}

- (i) (-1) (ii) 2 (iii) 0 (iv) 1 (v) 3

4. The multiples of 6 =

- (i) {6,12,18,24,30,36} (ii) {6,12,18,24,30,13} (iii) {6,12,18,24,30,36,23} (iv) {6,12,18,24,30,36,7,23}
(v) {6,12,24,30,31,35}

5. The common multiples of 5 and 7 =

- (i) {35,70,105,140,175} (ii) {35,70,140,175,118} (iii) {35,105,140,175,164} (iv) {35,70,105,140,196}
(v) {70,105,140,175,113}

6. The factors of 8 =

- (i) {1,2,8,3} (ii) {1,2,4,8,3,7} (iii) {1,2,4,8} (iv) {1,4,2,3}

7. Find the product of LCM and HCF of {18,24,22,12}

- (i) 1586 (ii) 1584 (iii) 1583 (iv) 1585 (v) 1582

8. Find the HCF of {38,16,21}

- (i) 2 (ii) 3 (iii) 0 (iv) 1 (v) (-2)

9. Find the prime factorization of 70

- (i) $2 \times 7 \times 7$ (ii) $2 \times 4 \times 7$ (iii) $2^2 \times 5 \times 7$ (iv) $2 \times 5 \times 7$ (v) $2 \times 5 \times 4$

10. Find the prime factorization of 3888

- (i) $2^4 \times 1$ (ii) $2^5 \times 3^5$ (iii) $5^4 \times 3^5$ (iv) $2^3 \times 3^5$ (v) $2^4 \times 3^5$

11. Find the number of prime factors of 672

- (i) 1 (ii) 3 (iii) 2 (iv) 0 (v) 4

12. Which of the following is a prime number?

- (i) 12 (ii) 3 (iii) 25 (iv) 45 (v) 18

13. The common multiples of 10 , 6 and 2 =

- (i) {30,155} (ii) {60,85} (iii) {60,51} (iv) {30,60} (v) {60,139}

14. Find all common factors of 19 and 35

- (i) {19} (ii) {1,35} (iii) {5} (iv) {1,19} (v) {1}

15. Find the product of LCM and HCF of {4,6}

- (i) 26 (ii) 21 (iii) 24 (iv) 25 (v) 23

16. Find the total number of factors of 720

- (i) 30 (ii) 31 (iii) 29 (iv) 33 (v) 27

17. Find the HCF of {9,33}

- (i) 4 (ii) 3 (iii) 2 (iv) 5 (v) 0

18. The multiples of 11 =

- (i) {11,22,33,44,55,66,43} (ii) {11,22,33,44,55,66,43,67} (iii) {11,22,33,44,55,66}
(iv) {11,22,33,44,55,12} (v) {11,22,55,66,12,43}

19. Find the number of prime factors of 4368

- (i) 4 (ii) 3 (iii) 7 (iv) 2 (v) 5

20. Find the LCM of {6,8}

- (i) 26 (ii) 25 (iii) 23 (iv) 24 (v) 21

21. Find the prime factorization of 320

- (i) $2^7 \times 5$ (ii) $2^6 \times 5$ (iii) $5^6 \times 5$ (iv) $2^6 \times 4$ (v) $2^6 \times 3$

22. Find the LCM of {200,360}

- (i) 1797 (ii) 1802 (iii) 1799 (iv) 1801 (v) 1800

23. Find the number of prime factors of 95

- (i) 0 (ii) 4 (iii) 1 (iv) 2 (v) 3

24. Find all common factors of 11 and 13

- (i) {1,11} (ii) {1,13} (iii) {13} (iv) {11} (v) {1}

25. Find the total number of factors of 35

- (i) 1 (ii) 7 (iii) 5 (iv) 4 (v) 3

Assignment Key

1) (iv)	2) (iii)	3) (iv)	4) (i)	5) (i)	6) (iii)
7) (ii)	8) (iv)	9) (iv)	10) (v)	11) (ii)	12) (ii)
13) (iv)	14) (v)	15) (iii)	16) (i)	17) (ii)	18) (iii)
19) (i)	20) (iv)	21) (ii)	22) (v)	23) (iv)	24) (v)
25) (iv)					

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