



1. Find the HCF of {16,10}

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

2. Find the HCF of {20,45,9}

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

3. Find the HCF of {1440,920,1960,360}

- (i) 37 (ii) 42 (iii) 40 (iv) 39 (v) 41

4. Find the LCM of {4,9}

- (i) 37 (ii) 33 (iii) 36 (iv) 39 (v) 35

5. Find the LCM of {18,14,15}

- (i) 627 (ii) 629 (iii) 630 (iv) 631 (v) 633

6. Find the LCM of {16,10,15,6}

- (i) 243 (ii) 241 (iii) 237 (iv) 240 (v) 239

7. Find the product of LCM and HCF of {8,4}

- (i) 32 (ii) 29 (iii) 35 (iv) 31 (v) 33

8. Find the product of LCM and HCF of {25,28,15}

- (i) 2100 (ii) 2098 (iii) 2101 (iv) 2099 (v) 2102

9. Find the product of LCM and HCF of {4,12,18,20}

- (i) 358 (ii) 363 (iii) 361 (iv) 360 (v) 359

10. Find the prime factorization of 49

- (i) 7^3 (ii) 7^2 (iii) 7 (iv) 10^2 (v) 5^2

11. Find the prime factorization of 94

- (i) 2×46 (ii) 2×50 (iii) $2^2 \times 47$ (iv) 2×47 (v) -1×47

12. Find the prime factorization of 162

- (i) 2×3^4 (ii) 2×3^3 (iii) 2×3^5 (iv) 2×5^4 (v) -1×3^4

13. Find the prime factorization of 512

- (i) 2^{10} (ii) 4^9 (iii) 2^8 (iv) 2^9 (v) 2^7

14. Find the number of prime factors of 49

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

15. Find the number of prime factors of 93

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

16. Find the number of prime factors of 1122

(i) 2 (ii) 4 (iii) 3 (iv) 6 (v) 5

17. Find the number of prime factors of 6720

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

18. Find the HCF of {32,6}

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

19. Find the HCF of {39,25,6,14}

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

20. Find the HCF of {36,114}

(i) 5 (ii) 6 (iii) 4 (iv) 7 (v) 9

21. Find the HCF of {336,48}

(i) 47 (ii) 48 (iii) 49 (iv) 45 (v) 51

22. Find the HCF of {80,560,140}

(i) 19 (ii) 22 (iii) 21 (iv) 17 (v) 20

23. Find the LCM of {18,8}

(i) 73 (ii) 71 (iii) 74 (iv) 70 (v) 72

24. Find the LCM of {60,90}

(i) 181 (ii) 180 (iii) 179 (iv) 177 (v) 182

25. Find the LCM of {240,280}

(i) 1683 (ii) 1677 (iii) 1680 (iv) 1681 (v) 1679

26. Find the LCM of {96,132,36}

(i) 3167 (ii) 3169 (iii) 3168 (iv) 3171 (v) 3165

27. Find the LCM of {40,136,48,152}

(i) 77521 (ii) 77519 (iii) 77520 (iv) 77518 (v) 77522

28. Find the product of LCM and HCF of {6,16}

(i) 97 (ii) 96 (iii) 99 (iv) 95 (v) 93

Assignment Key

1) (ii)	2) (ii)	3) (iii)	4) (iii)	5) (iii)	6) (iv)
7) (i)	8) (i)	9) (iv)	10) (ii)	11) (iv)	12) (i)
13) (iv)	14) (ii)	15) (i)	16) (ii)	17) (ii)	18) (iv)
19) (iii)	20) (ii)	21) (ii)	22) (v)	23) (v)	24) (ii)
25) (iii)	26) (iii)	27) (iii)	28) (ii)		