



1. Find the value of  $8^3 + 7^3$

- (i) 853 (ii) 854 (iii) 855 (iv) 857 (v) 856

2. Find the value of  $12^3 + 11^3$

- (i) 3059 (ii) 3056 (iii) 3062 (iv) 3060 (v) 3058

3. Find the value of  $12^3 + 11^3$

- (i) 3059 (ii) 3058 (iii) 3061 (iv) 3060 (v) 3057

4. Find the cube root of 125

- (i) 4 (ii) 6 (iii) 8 (iv) 5 (v) 2

5. The smallest number by which 500 must be multiplied so that the product is a perfect cube is?

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

6. Which of the following is not a perfect cube?

- (i) 216 (ii) 27 (iii) 732 (iv) 8 (v) 64

7. Find the value of  $26^3 - 25^3$

- (i) 1951 (ii) 1948 (iii) 1954 (iv) 1950 (v) 1952

8. Find the cube root of  $\frac{125}{8}$

- (i)  $\frac{5}{2}$  (ii) 5 (iii)  $\frac{3}{2}$  (iv)  $\frac{7}{2}$  (v)  $\frac{5}{4}$

9. Which of the following is a perfect cube?

- (i) 216 (ii) 67 (iii) 998 (iv) 513 (v) 7

10. The smallest number by which 5000 must be divided so that the quotient is a perfect cube is?

- (i) 5 (ii) 8 (iii) 6 (iv) 4 (v) 2

11. Find the cube root of 125

- (i) 6 (ii) 7 (iii) 5 (iv) 4 (v) 2

12. Find the cube root of 27000

- (i) 900 (ii) 27 (iii) 903 (iv) 33 (v) 30

13. Find the value of  $17^3 - 16^3$

- (i) 819 (ii) 816 (iii) 815 (iv) 817 (v) 818

14. The smallest number by which 576 must be multiplied so that the product is a perfect cube is?

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

15. Find the cube of 30

- (i) 27000 (ii) 27003 (iii) 903 (iv) 26997 (v) 900

16. Find the cube of 15

- (i) 3378 (ii) 228 (iii) 3372 (iv) 3375 (v) 225

17. Find the cube root of 64

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

18. Find the cube root of 5832

- (i) 18 (ii) 15 (iii) 324 (iv) 327 (v) 21

19. Find the cube root of  $\frac{8}{27}$

- (i) 2 (ii)  $\frac{2}{3}$  (iii)  $\frac{4}{3}$  (iv) 0 (v)  $\frac{2}{5}$

20. Find the cube root of  $(\frac{-1}{27})$

- (i)  $(\frac{-1}{3})$  (ii)  $(\frac{-1}{5})$  (iii)  $\frac{1}{3}$  (iv) -1

21. Which of the following is a perfect cube?

- (i) 67 (ii) 126 (iii) 6 (iv) 343 (v) 215

22. Which of the following is not a perfect cube?

- (i) 216 (ii) 8 (iii) 30 (iv) 512 (v) 125

23. Find the cube of 11

- (i) 124 (ii) 1331 (iii) 121 (iv) 1328 (v) 1334

24. The smallest number by which 1024 must be divided so that the quotient is a perfect cube is?

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

25. Find the cube root of 6859

- (i) 364 (ii) 16 (iii) 361 (iv) 19 (v) 22

## Assignment Key

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