



1. Find the cube root of 1728

- (i) 12 (ii) 15 (iii) 144 (iv) 147 (v) 9

2. Find the cube of 10

- (i) 1000 (ii) 997 (iii) 103 (iv) 100 (v) 1003

3. Find the value of $7^3 - 6^3$

- (i) 126 (ii) 124 (iii) 128 (iv) 127 (v) 129

4. Find the value of $16^3 + 15^3$

- (i) 7471 (ii) 7470 (iii) 7472 (iv) 7474 (v) 7469

5. Which of the following is a perfect cube?

- (i) 217 (ii) 61 (iii) 8 (iv) 1002 (v) 26

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

- (i) 216 (ii) 1000 (iii) 128 (iv) 729 (v) 343

7. The smallest number by which 1372 must be multiplied so that the product is a perfect cube is?

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

8. The smallest number by which 432 must be divided so that the quotient is a perfect cube is?

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

9. Find the cube root of -64

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

10. Find the cube root of $\frac{1}{125}$

- (i) $\frac{1}{7}$ (ii) $\frac{1}{3}$ (iii) $\frac{3}{5}$ (iv) $\frac{1}{5}$ (v) $(-\frac{1}{5})$

Assignment Key

1) (i)	2) (i)	3) (iv)	4) (i)	5) (iii)	6) (iii)
7) (v)	8) (i)	9) (i)	10) (iv)		