



1. Find the cube root of -8

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

2. Find the cube root of $\frac{125}{64}$

- (i) $\frac{3}{4}$ (ii) $\frac{5}{4}$ (iii) $\frac{5}{6}$ (iv) $\frac{5}{2}$ (v) $\frac{7}{4}$

3. $\sqrt[3]{\frac{1}{27}}$ =

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

4. Simplify $\frac{\sqrt[3]{64} + \sqrt[3]{8}}{\sqrt[3]{216} - \sqrt[3]{1000}}$ =

- (i) $(\frac{-6}{4})$ (ii) -1 (iii) -2 (iv) -3

5. Find the cube root of 343

- (i) 52 (ii) 10 (iii) 49 (iv) 7 (v) 4

6. Find the cube of 23

- (i) 12164 (ii) 12170 (iii) 529 (iv) 12167 (v) 532

7. Find the cube root of 64

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

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

- (i) $(\frac{-4}{5})$ (ii) $(\frac{-2}{3})$ (iii) $(\frac{-2}{7})$ (iv) 0 (v) $(\frac{-2}{5})$

9. $\sqrt[3]{\frac{64}{125}}$ =

- (i) $\frac{4}{7}$ (ii) $\frac{6}{5}$ (iii) $\frac{4}{3}$ (iv) $\frac{4}{5}$ (v) $\frac{2}{5}$

10. Simplify $\frac{\sqrt[3]{512} + \sqrt[3]{343}}{\sqrt[3]{27} - \sqrt[3]{729}} =$

- (i) $(\frac{-13}{6})$ (ii) $(\frac{-15}{4})$ (iii) $(\frac{-15}{6})$ (iv) $(\frac{-15}{8})$ (v) $(\frac{-17}{6})$

11. Find the cube root of 21952

- (i) 784 (ii) 25 (iii) 31 (iv) 787 (v) 28

12. Find the cube of 23

- (i) 12164 (ii) 529 (iii) 532 (iv) 12167 (v) 12170

Assignment Key

1) (i)	2) (ii)	3) (i)	4) (i)	5) (iv)	6) (iv)
7) (iv)	8) (v)	9) (iv)	10) (iii)	11) (v)	12) (iv)