



1. Find the value of $30^3 + 29^3$

- (i) 51386 (ii) 51388 (iii) 51392 (iv) 51390 (v) 51389

2. Find the value of $15^3 + 14^3$

- (i) 6120 (ii) 6119 (iii) 6118 (iv) 6116 (v) 6121

3. Find the cube root of 21952

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

4. Find the cube of 17

- (i) 289 (ii) 4910 (iii) 292 (iv) 4913 (v) 4916

5. Find the value of $11^3 + 10^3$

- (i) 2332 (ii) 2328 (iii) 2334 (iv) 2331 (v) 2330

6. Which of the following is a perfect cube?

- (i) 128 (ii) 730 (iii) 8 (iv) 213 (v) 63

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

- (i) 128 (ii) 343 (iii) 1000 (iv) 512 (v) 216

8. The smallest number by which 32 must be multiplied so that the product is a perfect cube is?

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

9. The smallest number by which 11664 must be divided so that the quotient is a perfect cube is?

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

10. Find the cube root of 6859

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

11. Find the cube of 15

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

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

- (i) 396 (ii) 397 (iii) 400 (iv) 395 (v) 398

13. Which of the following is a perfect cube?

- (i) 26 (ii) 512 (iii) 341 (iv) 1003 (v) 126

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

- (i) 343 (ii) 8 (iii) 1003 (iv) 125 (v) 64

15. The smallest number by which 32 must be multiplied so that the product is a perfect cube is?

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

16. The smallest number by which 5184 must be divided so that the quotient is a perfect cube is?

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

Assignment Key

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| 1) (v) | 2) (ii) | 3) (iv) | 4) (iv) | 5) (iv) | 6) (iii) |
| 7) (i) | 8) (iii) | 9) (i) | 10) (iii) | 11) (i) | 12) (ii) |
| 13) (ii) | 14) (iii) | 15) (ii) | 16) (iv) | | |