EduSahara™ Assignment

Name : Cubes and Cube Roots

Chapter : Cubes and Cube Roots

Grade : CBSE Grade VIII

1. Find the value of $20^3 + 19^3$

   (i) 14857 (ii) 14858 (iii) 14860 (iv) 14859 (v) 14861

2. Find the value of $13^3 + 12^3$

   (i) 3926 (ii) 3923 (iii) 3928 (iv) 3924 (v) 3925

3. Find the cube root of 125

   (i) 2 (ii) 5 (iii) 8 (iv) 28 (v) 25

4. Find the cube of 19

   (i) 6859 (ii) 364 (iii) 361 (iv) 6862 (v) 6856

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

   (i) 853 (ii) 858 (iii) 854 (iv) 855 (v) 856

6. Which of the following is a perfect cube?

   (i) 5 (ii) 343 (iii) 63 (iv) 1001 (v) 218

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

   (i) 128 (ii) 27 (iii) 343 (iv) 1000 (v) 8

8. The smallest number by which 2916 must be multiplied so that the product is a perfect cube is?

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

9. The smallest number by which 128 must be divided so that the quotient is a perfect cube is?

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

10. Find the cube root of 8000

    (i) 17 (ii) 23 (iii) 20 (iv) 403 (v) 400

11. Find the cube of 24

    (i) 579 (ii) 13824 (iii) 13827 (iv) 13821 (v) 576

12. Find the value of $20^3 - 19^3$

    (i) 1142 (ii) 1143 (iii) 1141 (iv) 1140 (v) 1139

13. Which of the following is a perfect cube?

    (i) 731 (ii) 343 (iii) 1001 (iv) 122 (v) 26

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

    (i) 125 (ii) 512 (iii) 67 (iv) 216 (v) 8

15. The smallest number by which 108 must be multiplied so that the product is a perfect cube is?

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

16. The smallest number by which 8192 must be divided so that the quotient is a perfect cube is?

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

Assignment Key

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