



Concept_HW_G8_Definition of Cubes and Cube Roots

(Write 'yes' beside the correct option)

1. The expansion of a^3 is

- (a) $3 \times a$
- (b) $a + a + a$
- (c) $3 \times 3 \times 3$
- (d) $a \times a \times a$

2. The symbol for cube root is

- (a) $\sqrt{\quad}$
- (b) $\sqrt[3]{\quad}$
- (c) $\sqrt[4]{\quad}$
- (d) None of these

3. **9 is the cube root of** .

(a) 343

(b) 729

(c) 629

(d) 81

4. **If $8^3 = 512$, then $\sqrt[3]{512} = \dots\dots\dots$.**

(a) 3

(b) 7

(c) 13

(d) 8