



#### Cubes and Cubes Roots Ex 4.5 Q1

**Answer :**

Because 7 lies between 1 and 100, we will look at the row containing 7 in the column of  $x$ .

By the cube root table, we have:

$$\sqrt[3]{7} = 1.913$$

Thus, the answer is 1.913.

#### Cubes and Cubes Roots Ex 4.5 Q2

**Answer :**

Because 70 lies between 1 and 100, we will look at the row containing 70 in the column of  $x$ .

By the cube root table, we have:

$$\sqrt[3]{70} = 4.121$$

#### Cubes and Cubes Roots Ex 4.5 Q3

**Answer :**

We have:

$$700 = 70 \times 10$$

$\therefore$  Cube root of 700 will be in the column of  $\sqrt[3]{10x}$  against 70.

By the cube root table, we have:

$$\sqrt[3]{700} = 8.879$$

Thus, the answer is 8.879.

#### Cubes and Cubes Roots Ex 4.5 Q4

**Answer :**

We have:

$$7000 = 70 \times 100$$

$$\therefore \sqrt[3]{7000} = \sqrt[3]{7 \times 1000} = \sqrt[3]{7} \times \sqrt[3]{1000}$$

By the cube root table, we have:

$$\sqrt[3]{7} = 1.913 \quad \text{and} \quad \sqrt[3]{1000} = 10$$

$$\therefore \sqrt[3]{7000} = \sqrt[3]{7} \times \sqrt[3]{1000} = 1.913 \times 10 = 19.13$$

\*\*\*\*\* END \*\*\*\*\*