

Name \_\_\_\_\_

Score:

## Cube Root Quiz-2

### **1. Evaluate the cube of a number:**

(i)  $(8)^3$

(ii)  $(15)^3$

(iii)  $(21)^3$

(iv)  $(60)^3$

### **2. Evaluate the cube of a decimal number:**

(i)  $(1.2)^3$

(ii)  $(3.5)^3$

(iii)  $(0.8)^3$

(iv)  $(0.05)^3$

### **3. Evaluate the cube of a fraction number:**

(i)  $(4/7)^3$

(ii)  $(10/11)^3$

(iii)  $(1/15)^3$

(iv)  $(1(3/10))^3$

**4. Choose from the following numbers that are perfect cubes.**

(i) 125

(ii) 243

(iii) 343

(iv) 256

(v) 729

(vi) 1331

(vii) 8000

(viii) 9261

(ix) 5324

(x) 3375

**5. Choose the following numbers that are the cubes of even numbers:**

(i) 216

(ii) 729

(iii) 512

(iv) 3375

(v) 1000

**6. Choose the following numbers that are the cubes of odd numbers:**

(i) 125

(ii) 343

(iii) 1728

(iv) 4096

(v) 9261

**7. Find the smallest number by which 11979 must be multiplied so that the product is a perfect cube.**

**8. Find the smallest number by which 8575 must be multiplied so that the product is a perfect cube.**

**9. What is the smallest number by which 108 must be divided so that the quotient is a perfect cube?**

**10. Find the smallest number by which 33275 must be divided so that the quotient is a perfect cube.**