

7.2**Practice**

For use after Lesson 7.2

Find the cube root.

1. $\sqrt[3]{27}$

 (3)

2. $\sqrt[3]{8}$

 (2)

3. $\sqrt[3]{-64}$

 (-4)

4. $\sqrt[3]{\frac{125}{216}}$

 $(\frac{-5}{6})$

Evaluate the expression.

5. $10 - (\sqrt[3]{12})^3$

$10 - 12$

 (-2)

6. $2\sqrt[3]{512} + 10$

$2(8) + 10$

$16 + 10$

 (26)

7. The volume of a cube is 1000 cubic inches. What is the edge length of the cube?

$\sqrt[3]{1000} = 10$

the edge length is 10 inches