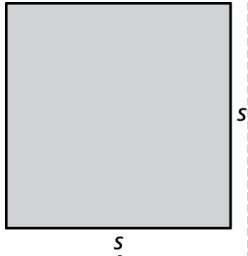


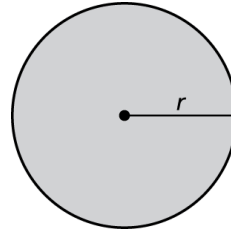
**7.1 Practice**

Find the dimensions of the square or circle.

1. Area =  $196 \text{ in.}^2$



2. Area =  $36\pi \text{ m}^2$



Find the two square roots of the number.

3. 16

4. 400

Find the square root(s).

5.  $\sqrt{121}$

6.  $-\sqrt{484}$

7.  $\pm\sqrt{\frac{289}{49}}$

8.  $-\sqrt{0.64}$

Evaluate the expression.

9.  $2\sqrt{25} + 3$

10.  $7 - 12\sqrt{\frac{1}{9}}$

11.  $6\sqrt{2.25} - 4.2$

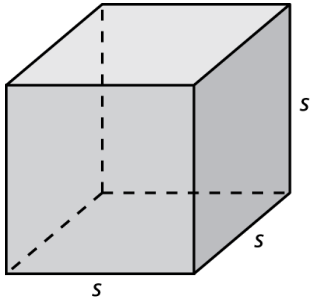
12.  $3\left(\sqrt{\frac{48}{3}} - 2\right)$

## 7.2

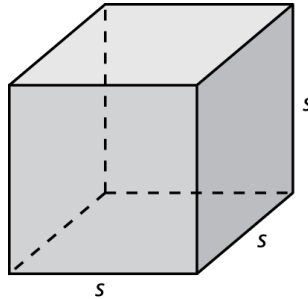
## Practice

Find the edge length of the cube.

1. Volume =  $27,000 \text{ cm}^3$



2. Volume =  $\frac{1}{8} \text{ in.}^3$



Find the cube root.

3.  $\sqrt[3]{125}$

4.  $\sqrt[3]{-1}$

5.  $\sqrt[3]{-8}$

6.  $\sqrt[3]{-1000}$

7.  $\sqrt[3]{8000}$

8.  $\sqrt[3]{512}$

9.  $\sqrt[3]{-\frac{1}{64}}$

10.  $\sqrt[3]{0.001}$

Copy and complete the statement with  $<$ ,  $>$ , or  $=$ .

11.  $-\sqrt[3]{27}$  ?  $-4$

12.  $\sqrt[3]{64}$  ?  $\sqrt{16}$