

## Warm-up – Cubes and Cube Roots

## ANSWER KEY

1.  $\sqrt[3]{64} = 4$

2.  $(5)^3 = 125$

3.  $\left(\frac{1}{2}\right)^3 = \frac{1}{8}$

4.  $\sqrt[3]{0.125} = 0.5$

5. Solve for r

$$r^3 = 125$$

$$r = 5$$

6. Solve for r

$$24 = r^3 + 16$$

$$r = 2$$