Name $\qquad$

## Evaluating Cube <br> Evaluating the cube root of a number is the opposite of cubing a number. Remember, cubing a number means using it as a factor in multiplication three times. Cube roots are shown using the $\sqrt[3]{ }$ symbol. <br> Consider this example: <br> You know that $4^{3}=4 \times 4 \times 4=64$. <br> So, $\sqrt[3]{64}=4$. <br> 

$\sqrt[3]{64}=$ ?

## Evaluate the cube root of each perfect cube.

$$
\sqrt[3]{27}=3
$$

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

$$
\sqrt[3]{125}=5
$$

$$
\sqrt[3]{1}=1
$$

$$
\sqrt[3]{1,000}=10
$$

$$
\sqrt[3]{343}=
$$

$$
\sqrt[3]{216}=6
$$

$$
\sqrt[3]{729}=9
$$

$$
\sqrt[3]{512}=
$$

$$
\sqrt[3]{1,728}=12
$$

$$
\sqrt[3]{3,375}=15
$$

$$
\sqrt[3]{8,000}=20
$$

