

Name: _____

Date: _____

The **square** of a number is the number times itself.

$$5^2 = 5 \times 5 = 25$$

The **cube** of a number is the number multiplied twice by itself.

$$5^3 = 5 \times 5 \times 5 = 125$$



Write the **square** or **cube** of each number.

A. $4^2 =$ $4 \times 4 = 16$

$9^2 =$ _____

$3^2 =$ _____

B. $6^2 =$ _____

$7^2 =$ _____

$15^2 =$ _____

C. $10^2 =$ _____

$5^3 =$ _____

$14^2 =$ _____

D. $20^2 =$ _____

$24^2 =$ _____

$14^3 =$ _____

E. $8^2 =$ _____

$10^3 =$ _____

$48^2 =$ _____

F. $17^2 =$ _____

$25^2 =$ _____

$32^2 =$ _____

Write the **square root**.

G. $36 = \sqrt{\quad}$ $64 = \sqrt{\quad}$ $81 = \sqrt{\quad}$ $25 = \sqrt{\quad}$ $324 = \sqrt{\quad}$ $529 = \sqrt{\quad}$

H. $100 = \sqrt{\quad}$ $49 = \sqrt{\quad}$ $9 = \sqrt{\quad}$ $16 = \sqrt{\quad}$ $121 = \sqrt{\quad}$ $1,600 = \sqrt{\quad}$

I. $400 = \sqrt{\quad}$ $225 = \sqrt{\quad}$ $625 = \sqrt{\quad}$ $144 = \sqrt{\quad}$ $900 = \sqrt{\quad}$ $2,500 = \sqrt{\quad}$

Write the **cube root**.

J. $125 = \sqrt[3]{\quad}$ $1,000 = \sqrt[3]{\quad}$ $64 = \sqrt[3]{\quad}$ $27 = \sqrt[3]{\quad}$ $8 = \sqrt[3]{\quad}$ $216 = \sqrt[3]{\quad}$

K. $512 = \sqrt[3]{\quad}$ $1,728 = \sqrt[3]{\quad}$ $2,744 = \sqrt[3]{\quad}$ $343 = \sqrt[3]{\quad}$ $8,000 = \sqrt[3]{\quad}$ $6,859 = \sqrt[3]{\quad}$