

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.  $10^2 =$  \_\_\_\_\_

$5^2 =$  \_\_\_\_\_

$14^2 =$  \_\_\_\_\_

D.  $20^2 =$  \_\_\_\_\_

$24^2 =$  \_\_\_\_\_

$74^2 =$  \_\_\_\_\_

E.  $8^2 =$  \_\_\_\_\_

$12^2 =$  \_\_\_\_\_

$48^2 =$  \_\_\_\_\_

F.  $17^2 =$  \_\_\_\_\_

$25^2 =$  \_\_\_\_\_

$37^2 =$  \_\_\_\_\_

Write the **square root**.

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

H.  $100 = \sqrt{\quad}$      $49 = \sqrt{\quad}$      $9 = \sqrt{\quad}$      $36 = \sqrt{\quad}$      $121 = \sqrt{\quad}$      $1,600 = \sqrt{\quad}$

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

