

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. $4^2 =$ <u><math>4 \times 4 = 16</math></u> | $9^2 =$ _____  | $3^3 =$ _____  |
| B. $6^2 =$ _____                               | $7^2 =$ _____  | $15^3 =$ _____ |
| C. $10^2 =$ _____                              | $5^3 =$ _____  | $14^2 =$ _____ |
| D. $20^2 =$ _____                              | $24^2 =$ _____ | $74^2 =$ _____ |
| E. $8^2 =$ _____                               | $12^3 =$ _____ | $48^2 =$ _____ |
| F. $17^2 =$ _____                              | $25^3 =$ _____ | $37^2 =$ _____ |

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

