

Name: _____

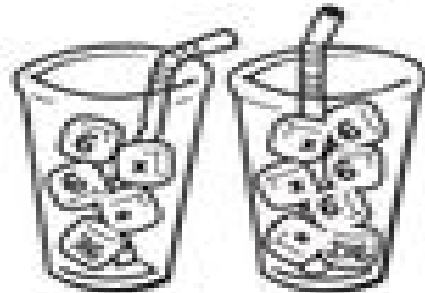
Date: _____

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. $4^2 =$ _____ | $9 \times 9 = 81$ | $4^3 =$ _____ | $3^3 =$ _____ |
| 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. $512 = \sqrt[3]{\quad}$ $1,728 = \sqrt[3]{\quad}$ $2,744 = \sqrt[3]{\quad}$ $343 = \sqrt[3]{\quad}$ $8,000 = \sqrt[3]{\quad}$ $6,859 = \sqrt[3]{\quad}$