Task card 1 Cubes of Numbers

$1.5^3 = ___$

Task card 2 Cubes of Numbers

$0.4^3 = ___$

Task card 3 Cubes of Numbers

$0.3 \times 0.3 \times 0.3 = ___$

Task card 4 Cubes of Numbers

What number makes this true? $___^3 = 0.008$

Task card 5 Cubes of Numbers

Compare using <, >, or =: 0.2^3 ___ 0.8

Task card 6 Cubes of Numbers

Zoe says $0.5^3 = 12.5$. What is the correct value?

Task card 7 Cubes of Numbers

A cube-shaped box is 1.5 inches long on each edge. What is its volume in cubic inches?

Task card 8 Cubes of Numbers

What number makes this true? $___^3 = 2.197$

Task card 9 Cubes of Numbers

$$\left(\frac{1}{2}\right)^3 = ___$$

Task card 10 Cubes of Numbers

$$\left(\frac{1}{-3}\right)^3 = ___$$

Task card 11 Cubes of Numbers

$$1.5 \times 1.5 \times 1.5 = ___$$

Task card 12 Cubes of Numbers

What number makes this true?

$$___^3 = \frac{1}{8}$$

Task card 13 Cubes of Numbers

Compare using <, >, or =: $(-\frac{1}{2})^3$ ___ $-\frac{1}{2}$

Task card 14 Cubes of Numbers

Lily says $1.1^3 = 133.1$. What is the correct value?

Task card 15 Cubes of Numbers

A wooden block shaped like a cube is $\frac{1}{6}$ centimeters long on each edge.

What is its volume in cubic centimeters?

Task card 16 Cubes of Numbers

What number makes this true?

$___^3 = -\frac{1}{8}$

Task card 17 Cubes of Numbers

$0.5^3 = ___$

Task card 18 Cubes of Numbers

$0.7^3 = ___$

Task card 19 Cubes of Numbers

$1.1 \times 1.1 \times 1.1 = ___$

Task card 20 Cubes of Numbers

What number makes this true? $___^3 = 0.027$

Task card 21 Cubes of Numbers

Compare using <, >, or =: 0.6^3 ___ 21.6

Task card 22 Cubes of Numbers

Mia says $1.5^3 = 337.5$. What is the correct value?

Task card 23 Cubes of Numbers

A cube-shaped fish tank is 1.3 feet long on each edge. What is its volume in cubic feet?

Task card 24 Cubes of Numbers

What number makes this true? $___^3 = 1.331$

Cubes of Numbers Task Cards

Recording sheet · Grade 6 · Answer each question. Every one is about cubes, asked in a different way.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Cubes of Numbers Task Cards: Answer Key

Grade 6 · Hard

The answers online

1. 3.375	**2.** 0.064	**3.** 0.027
4. 0.2	**5.** <	**6.** 0.125
7. 3.375	**8.** 1.3	**9.** $\frac{1}{8}$
10. $-\frac{1}{27}$	**11.** 3.375	**12.** $\frac{1}{2}$
13. >	**14.** 1.331	**15.** $\frac{1}{216}$
16. $-\frac{1}{2}$	**17.** 0.125	**18.** 0.343
19. 1.331	**20.** 0.3	**21.** <
22. 3.375	**23.** 2.197	**24.** 1.1