Task card 1 Cube Roots of Perfect Cubes

Evaluate: $\sqrt[3]{-\frac{1}{64}}$

Task card 2 Cube Roots of Perfect Cubes

Evaluate:

$\sqrt[3]{0.008}$

Task card 3 Cube Roots of Perfect Cubes

Evaluate: $\sqrt[3]{\frac{8}{27}}$

Task card 4 Cube Roots of Perfect Cubes

Evaluate:

$\sqrt[3]{0.216}$

Task card 5 Cube Roots of Perfect Cubes

Evaluate: $\sqrt[3]{-\frac{1}{8}}$

Task card 6 Cube Roots of Perfect Cubes

Evaluate:

$\sqrt[3]{0.001}$

Task card 7 Cube Roots of Perfect Cubes

Evaluate: $\sqrt[3]{-\frac{1}{125}}$

Task card 8 Cube Roots of Perfect Cubes

Evaluate: $\sqrt[3]{0.125}$

Task card 9 Cube Roots of Perfect Cubes

Evaluate: $\sqrt[3]{-\frac{27}{1000}}$

Task card 10 Cube Roots of Perfect Cubes

Evaluate: $\sqrt[3]{(-0.001)}$

Task card 11 Cube Roots of Perfect Cubes

Solve: $x^3 = -\frac{1}{125}$

Task card 12 Cube Roots of Perfect Cubes

Solve: $x^3 = 0.216$

Task card 13 Cube Roots of Perfect Cubes

Evaluate: $\sqrt[3]{\frac{1}{8}}$

Task card 14 Cube Roots of Perfect Cubes

Evaluate: $\sqrt[3]{(-0.027)}$

Task card 15 Cube Roots of Perfect Cubes

Solve: $x^3 = \frac{1}{-8}$

Task card 16 Cube Roots of Perfect Cubes

Solve: $x^3 = 0.125$

Task card 17 Cube Roots of Perfect Cubes

Evaluate: $\sqrt[3]{\frac{1}{(-27)}}$

Task card 18 Cube Roots of Perfect Cubes

Evaluate: $\sqrt[3]{0.729}$

Task card 19 Cube Roots of Perfect Cubes

Evaluate: $\sqrt[3]{\frac{64}{(-125)}}$

Task card 20 Cube Roots of Perfect Cubes

Evaluate:

$\sqrt[3]{1.728}$

Task card 21 Cube Roots of Perfect Cubes

Evaluate: $\sqrt[3]{\frac{1}{(27)}}$

Task card 22 Cube Roots of Perfect Cubes

Evaluate:

$\sqrt[3]{0.064}$

Task card 23 Cube Roots of Perfect Cubes

Evaluate: $\sqrt[3]{\frac{27}{(125)}}$

Task card 24 Cube Roots of Perfect Cubes

Solve: $x^3 = \frac{1}{-27}$

Cube Roots of Perfect Cubes Task Cards

Recording sheet · Grade 8 · Evaluate each cube root. For x^3 = p, give the one solution, like x = -2.

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

Cube Roots of Perfect Cubes Task Cards: Answer Key

Grade 8 · Hard

The answers online

1. $-\frac{1}{4}$	**2.** 0.2	**3.** $\frac{2}{3}$
4. 0.6	**5.** $-\frac{1}{2}$	**6.** 0.1
7. $-\frac{1}{5}$	**8.** 0.5	**9.** $-\frac{3}{10}$
10. -0.1	**11.** $x = -\frac{1}{5}$	**12.** x = 0.6
13. $\frac{1}{2}$	**14.** -0.3	**15.** $x = -\frac{1}{2}$
16. x = 0.5	**17.** $-\frac{1}{3}$	**18.** 0.9
19. $-\frac{4}{5}$	**20.** 1.2	**21.** $\frac{1}{3}$
22. 0.4	**23.** $\frac{3}{5}$	**24.** $x = -\frac{1}{3}$