Task card 1 Square Roots & Cube Roots (Mixed R...

Evaluate: $\sqrt[3]{64}$

Task card 2 Square Roots & Cube Roots (Mixed R...

Solve: $x^2 = 196$

Task card 3 Square Roots & Cube Roots (Mixed R...

Solve: $x^3 = -125$

Task card 4 Square Roots & Cube Roots (Mixed R...

Solve: $x^3 = 216$

Task card 5 Square Roots & Cube Roots (Mixed R...

Evaluate: $\sqrt{\left(\frac{9}{25}\right)}$

Task card 6 Square Roots & Cube Roots (Mixed R...

Evaluate: $-\sqrt{64}$

Task card 7 Square Roots & Cube Roots (Mixed R...

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

Task card 8 Square Roots & Cube Roots (Mixed R...

Evaluate: $\sqrt[3]{125}$

Task card 9 Square Roots & Cube Roots (Mixed R...

Evaluate: $-\sqrt{289}$

Task card 10 Square Roots & Cube Roots (Mixed R...

Solve: $x^2 = 36$

Task card 11 Square Roots & Cube Roots (Mixed R...

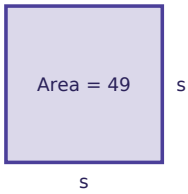
Solve: $x^3 = 64$

Task card 12 Square Roots & Cube Roots (Mixed R...

Solve: $x^3 = 343$

Task card 13 Square Roots & Cube Roots (Mixed R...

A square has an area of 49 square units. How long is each side?



Task card 14 Square Roots & Cube Roots (Mixed R...

Evaluate: $\sqrt{144}$

Task card 15 Square Roots & Cube Roots (Mixed R...

Evaluate: $\sqrt[3]{216}$

Task card 16 Square Roots & Cube Roots (Mixed R...

Solve: $x^3 - 11 = 53$

Task card 17 Square Roots & Cube Roots (Mixed R...

Solve: $x^3 - 35 = -8$

Task card 18 Square Roots & Cube Roots (Mixed R...

Solve: $x^2 = \frac{4}{25}$

Task card 19 Square Roots & Cube Roots (Mixed R...

Evaluate: $\sqrt[3]{729}$

Task card 20 Square Roots & Cube Roots (Mixed R...

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

Task card 21 Square Roots & Cube Roots (Mixed R...

Solve: $x^3 = 27$

Task card 22 Square Roots & Cube Roots (Mixed R...

Evaluate: $-\sqrt{256}$

Task card 23 Square Roots & Cube Roots (Mixed R...

Solve: $4x^2 = 576$

Task card 24 Square Roots & Cube Roots (Mixed R...

Solve: $x^3 = 8$

Square Roots & Cube Roots (Mixed Review) Task Cards

Recording sheet · Grade 8 · Evaluate each root or solve the equation. For x^2 = p, give both solutions.

Scan to check your answers

Name: _____ Date: _____

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

Square Roots & Cube Roots (Mixed Review) Task Cards: Answer Key

Grade 8 · Medium

The answers online

1. 4	**2.** x = 14 or x = -14	**3.** x = -5
4. x = 6	**5.** $\frac{3}{5}$	**6.** -8
7. 1	**8.** 5	**9.** -17
10. x = 6 or x = -6	**11.** x = 4	**12.** x = 7
13. 7	**14.** 12	**15.** 6
16. x = 4	**17.** x = 3	**18.** x = $\frac{2}{5}$ or x = $-\frac{2}{5}$
19. 9	**20.** -3	**21.** x = 3
22. -16	**23.** x = 12 or x = -12	**24.** x = 2