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

Evaluate: $\sqrt{16}$

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

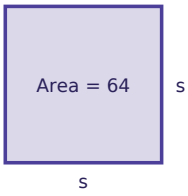
Evaluate: $\sqrt[3]{64}$

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

Solve: $x^2 = 16$

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

A square has an area of 64 square units. How long is each side?



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

Evaluate: $\sqrt{81}$

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

Evaluate: $\sqrt{25}$

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

Solve: $x^2 = 36$

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

Solve: $x^3 = -8$

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

Evaluate: $\sqrt{9}$

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

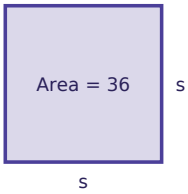
Solve: $x^2 = 100$

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

Solve: $x^3 = 125$

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

A square has an area of 36 square units. How long is each side?



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

Evaluate: $\sqrt{36}$

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

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

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

Solve: $x^2 = 81$

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

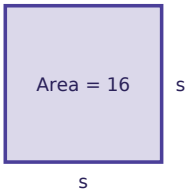
Evaluate: $\sqrt[3]{(-125)}$

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

Solve: $x^3 = -1$

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

A square has an area of 16 square units. How long is each side?



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

Evaluate: $\sqrt{144}$

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

Evaluate: $-\sqrt{100}$

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

Solve: $x^2 = 4$

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

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

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

Solve: $x^2 = 9$

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

Solve: $x^3 = 64$

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 · Easy

The answers online

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