Square Roots & Cube Roots (Mixed Review) · 1

Solve: $4x^2 = 256$

Square Roots & Cube Roots (Mixed Review) · 2

Solve: $x^3 - 6 = 58$

Square Roots & Cube Roots (Mixed Review) · 3

Evaluate: $\sqrt{\frac{16}{81}}$

Square Roots & Cube Roots (Mixed Review) · 4

Solve: $x^2 = \frac{9}{25}$

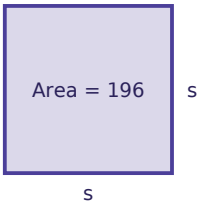
Square Roots & Cube Roots (Mixed Review) · 5

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

Square Roots & Cube Roots (Mixed Review) · 6

A square has an area of 196 square units.

How long is each side?



Square Roots & Cube Roots (Mixed Review) · 7

Solve: $x^3 = -8$

Square Roots & Cube Roots (Mixed Review) · 8

Solve: $2x^2 = 98$

Square Roots & Cube Roots (Mixed Review) · 2

ANSWER

$x = 4$

Square Roots & Cube Roots (Mixed Review) · 1

ANSWER

$x = 8$ or $x = -8$

Square Roots & Cube Roots (Mixed Review) · 4

ANSWER

$x = \frac{3}{5}$ or $x = -\frac{3}{5}$

Square Roots & Cube Roots (Mixed Review) · 3

ANSWER

$\frac{4}{9}$

Square Roots & Cube Roots (Mixed Review) · 6

ANSWER

14

Square Roots & Cube Roots (Mixed Review) · 5

ANSWER

4

Square Roots & Cube Roots (Mixed Review) · 8

ANSWER

$x = 7$ or $x = -7$

Square Roots & Cube Roots (Mixed Review) · 7

ANSWER

$x = -2$

Square Roots & Cube Roots (Mixed Review) · 9

Solve: $x^3 - 2 = -66$

Square Roots & Cube Roots (Mixed Review) · 10

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

Square Roots & Cube Roots (Mixed Review) · 11

Solve: $x^2 = \frac{25}{64}$

Square Roots & Cube Roots (Mixed Review) · 12

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

Square Roots & Cube Roots (Mixed Review) · 13

Solve: $x^3 = 512$

Square Roots & Cube Roots (Mixed Review) · 14

Evaluate: $\sqrt{36}$

Square Roots & Cube Roots (Mixed Review) · 15

Solve: $4x^2 = 196$

Square Roots & Cube Roots (Mixed Review) · 16

Solve: $5x^2 = 80$

Square Roots & Cube Roots (Mixed Review) · 10

ANSWER

$$\frac{3}{5}$$

Square Roots & Cube Roots (Mixed Review) · 9

ANSWER

$$x = -4$$

Square Roots & Cube Roots (Mixed Review) · 12

ANSWER

$$-10$$

Square Roots & Cube Roots (Mixed Review) · 11

ANSWER

$$x = \frac{5}{8} \text{ or } x = \frac{5}{-8}$$

Square Roots & Cube Roots (Mixed Review) · 14

ANSWER

$$6$$

Square Roots & Cube Roots (Mixed Review) · 13

ANSWER

$$x = 8$$

Square Roots & Cube Roots (Mixed Review) · 16

ANSWER

$$x = 4 \text{ or } x = -4$$

Square Roots & Cube Roots (Mixed Review) · 15

ANSWER

$$x = 7 \text{ or } x = -7$$

Square Roots & Cube Roots (Mixed Review) · 17

Solve: $x^3 - 37 = -64$

Square Roots & Cube Roots (Mixed Review) · 18

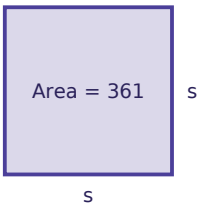
Evaluate: $\sqrt[3]{\frac{64}{125}}$

Square Roots & Cube Roots (Mixed Review) · 19

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

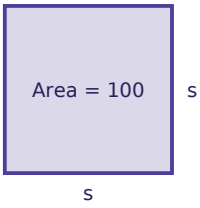
Square Roots & Cube Roots (Mixed Review) · 20

A square has an area of 361 square units. How long is each side?



Square Roots & Cube Roots (Mixed Review) · 21

A square has an area of 100 square units. How long is each side?



Square Roots & Cube Roots (Mixed Review) · 22

Solve: $x^3 = -125$

Square Roots & Cube Roots (Mixed Review) · 23

Evaluate: $-\sqrt{169}$

Square Roots & Cube Roots (Mixed Review) · 24

Solve: $x^3 - 23 = 193$

Square Roots & Cube Roots (Mixed Review) · 18

ANSWER

$$\frac{4}{5}$$

Square Roots & Cube Roots (Mixed Review) · 17

ANSWER

$$x = -3$$

Square Roots & Cube Roots (Mixed Review) · 20

ANSWER

19

Square Roots & Cube Roots (Mixed Review) · 19

ANSWER

2

Square Roots & Cube Roots (Mixed Review) · 22

ANSWER

$$x = -5$$

Square Roots & Cube Roots (Mixed Review) · 21

ANSWER

10

Square Roots & Cube Roots (Mixed Review) · 24

ANSWER

$$x = 6$$

Square Roots & Cube Roots (Mixed Review) · 23

ANSWER

-13