Solving Radical Equations · 1

Solve: $\sqrt{(5x - 49)} - 4 = -3$

Solving Radical Equations · 2

Solve: $\sqrt[3]{(3x + 4)} - 6 = -5$

Solving Radical Equations · 3

Solve: $\sqrt{(x + 4)} = x + 2$

Solving Radical Equations · 4

Solve: $2\sqrt{(x + 31)} = 10$

Solving Radical Equations · 5

Solve: $\sqrt{(x + 29)} = x - 1$

Solving Radical Equations · 6

Solve: $\sqrt{(2x - 5)} + 7 = 4$

Solving Radical Equations · 7

Solve: $\sqrt[3]{(2x + 62)} + 3 = 7$

Solving Radical Equations · 8

Solve: $\sqrt{(x + 5)} = x - 1$

Solving Radical Equations · 2

ANSWER

x = -1

Solving Radical Equations · 1

ANSWER

x = 10

Solving Radical Equations · 4

ANSWER

x = -6

Solving Radical Equations · 3

ANSWER

x = 0

Solving Radical Equations · 6

ANSWER

no solution

Solving Radical Equations · 5

ANSWER

x = 7

Solving Radical Equations · 8

ANSWER

x = 4

Solving Radical Equations · 7

ANSWER

x = 1

Solving Radical Equations · 9

Solve: $\sqrt{(x + 57)} = x + 1$

Solving Radical Equations · 10

Solve: $\sqrt{(5x - 28)} = \sqrt{(x)}$

Solving Radical Equations · 11

Solve: $\sqrt[3]{(4x - 56)} - 1 = -5$

Solving Radical Equations · 12

Solve: $\sqrt{(x + 2)} = x$

Solving Radical Equations · 13

Solve: $2\sqrt{(3x + 67)} = 14$

Solving Radical Equations · 14

Solve: $\sqrt{(4x + 15)} = \sqrt{(x + 21)}$

Solving Radical Equations · 15

Solve: $\sqrt{(x + 9)} = x - 3$

Solving Radical Equations · 16

Solve: $\sqrt{(2x - 16)} - 8 = -10$

Solving Radical Equations · 10

ANSWER

$x = 7$

Solving Radical Equations · 9

ANSWER

$x = 7$

Solving Radical Equations · 12

ANSWER

$x = 2$

Solving Radical Equations · 11

ANSWER

$x = -2$

Solving Radical Equations · 14

ANSWER

$x = 2$

Solving Radical Equations · 13

ANSWER

$x = -6$

Solving Radical Equations · 16

ANSWER

no solution

Solving Radical Equations · 15

ANSWER

$x = 7$

Solve: $\sqrt{(x - 2)} = x - 2$

Solve: $\sqrt{(x + 27)} = \sqrt{(3x + 23)}$

Solve: $\sqrt[3]{(5x - 13)} - 5 = -7$

Solve: $\sqrt{(x + 52)} = x - 4$

Solve: $3\sqrt{(x + 15)} = 9$

Solve: $\sqrt{(2x + 13)} = \sqrt{(3x + 14)}$

Solve: $\sqrt{(x + 4)} = x - 2$

Solve: $\sqrt{(x + 4)} - 8 = -10$

Solving Radical Equations · 18

ANSWER

$x = 2$

Solving Radical Equations · 17

ANSWER

$x = 3$ or $x = 2$

Solving Radical Equations · 20

ANSWER

$x = 12$

Solving Radical Equations · 19

ANSWER

$x = 1$

Solving Radical Equations · 22

ANSWER

$x = -1$

Solving Radical Equations · 21

ANSWER

$x = -6$

Solving Radical Equations · 24

ANSWER

no solution

Solving Radical Equations · 23

ANSWER

$x = 5$