

Solve each equation. Check your answer.

41. $\sqrt{3x} = 12$

43. $\sqrt{-a} = 5$

45. $\sqrt{x-7} = 8$

47. $\sqrt{1-3x} = 5$

49. $5\sqrt{x} = 30$

51. $5\sqrt{-x} = 20$

Solve each equation. Check your answer.

53. $\sqrt{3x-13} = \sqrt{x+3}$

55. $\sqrt{x+5} = \sqrt{2x-4}$

$$57. \sqrt{5x - 6} = \sqrt{16 - 6x}$$

Solve each equation. Check your answer.

$$59. \sqrt{x + 6} = 1$$

$$61. x = \sqrt{2x + 15}$$

$$63. \sqrt{4 - 3x} = x$$

$$65. \sqrt{2x + 2} = 2x$$