

1. [Section 3.6](#) Solve for b: $G = 12bc + 1$. 1. _____
2. [Section 3.1](#) Solve for x: $x + 6 = -15$. 2. _____
3. [Section 3.2](#) Solve for m: $-3m + 5 = -9 + m$. 3. _____
4. [Section 3.1](#) Solve for p: $\frac{3}{5}p = 12$. 4. _____
5. [Section 3.7](#) Find the solution: $x + 6 < 9$. 5. _____
6. [Section 3.7](#) Graph the solution for Exercise 5. 6. _____
7. [Section 3.3](#) Solve for t: $3(t - 5) = 2(t + 1)$. 7. _____
8. [Section 3.4](#) The sum of three consecutive integers is 24. What are the integers? 8. _____
9. [Section 3.5](#) Suppose you travel at 60 mph for four and one-half hours. What distance do you cover? 9. _____
10. [Section 3.5](#) If one angle of a right triangle is 30 degrees, how many degrees are there in each angle? 10. _____
11. [Section 3.8](#) Solve $4p < 28$. 11. _____

12. Section 3.8 Graph the solution $\frac{3}{4}$ of $m > 3$.

12. _____

Chapter 3 - Solving Equations and Inequalities

Chapter 3 of this algebra math book has 8 sections.

[Sec3.1](#) Section3.1-Solving Using the Addition Principle and Multiplication Principle

[Sec3.2](#) Section3.2-Combining the Principles to Solve Equations

[Sec3.3](#) Section3.3-Solving Equations Containing Parentheses

[Sec3.4](#) Section3.4-Solving Word Problems

[Sec3.5](#) Section3.5-Applied Problems

[Sec3.6](#) Section3.6-Formulas

[Sec3.7](#) Section3.7-Solving Inequalities Using the Addition Principle

[Sec3.8](#) Section3.8-Solving Inequalities Using the Multiplication Principle

For a complete listing of the objectives in this chapter visit the [List of Objectives](#).