3.1 Solving Equations Using Addition and Subtraction

Goals:

- Solve linear equations using addition and subtraction.
- Use linear equations to solve real-life problems

Vocabulary:

Equivalent equations – equations with the same solutions as the original equation

Inverse Operations – operations that undo each other (addition/subtraction, multiplication/division, squares/square roots)

Solution step – the result of applying a transformation to an equation when solving the equation

Linear equation – equations in which the variable:

- 1. is raised to the first power
- 2. does not occur in the denominator
- 3. does not occur inside a square root symbol
- 4. does not occur inside an absolute value symbol



