**6.2 Part 1 – Solving Multi-Step Equations**

Some equations have a term containing a variable on both the left- and right-hand sides. To solve, we must gather the variables on one side of the equation and the constants on the other. To do this, we still use inverse operations.

Ex. 1: Solve.

1. (b)

Ex. 2: Solve.

Ex. 3: To cater a lunch, Tina's Catering charges $100, plus $15 per meal. Norman's Catering charges $25, plus $20 per meal. Write and solve an equation to determine the number of meals that will result in equal costs at the two companies.