

Algebra 1

Chapter
Section

One Step Equations Review

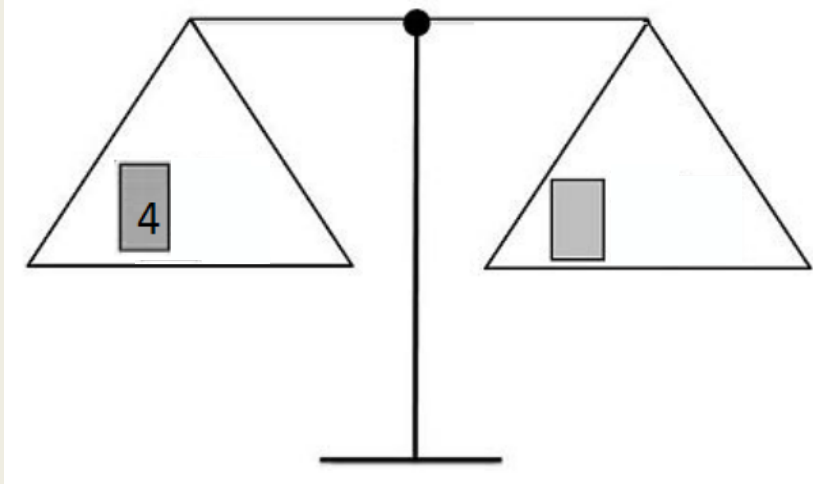
$$3 + x = 1$$

$$9 - y = 3$$

$$7x = 14$$

$$x/3 = -2$$

Two-Step Equations (Scale Method)



$$9 = 2x + 1$$

$$8 = 2x$$

$$4 = x$$

Two-Step Equations (Examples)

$$2x - 3 = 13$$

$$6h - 8 = -2$$

$$\frac{n}{5} + 4 = 15$$

$$\frac{y}{9} - 2 = 4$$

Fractions with Two-Term Numerators

$$\frac{x + 7}{3} = 9$$

$$\frac{k - 4}{18} = 2$$

Varied and Fixed

The table shows the cost of renting a movie based on the number of nights the movie is kept. Describe the relationship between cost and number of nights both as a word phrase and an algebraic expression.

Number of Nights	Cost
1	\$2.75
2	\$3.50
3	\$4.25
4	\$5.00
5	\$5.75

Using the table, predict the number of nights that a movie could be rented for \$9.50.