Name _____ Date _____

Solve One-Variable Equations and Inequalities - Guided Lesson Explanation

Explanation#1

We know that we have to first solve the like terms:

-5g + 10 -8g

Like terms are: -5g – 8g (Lets concentrate on the g term first)

As (- + - = +) or (- , - is +), so we will get: -13g

= -5g – 8g = -13g

= -13g + 10

The answer will be = -13g + 10

Explanation#2

We know that the like terms are terms that have the same variables and in some cases are raised to the same powers.

To add like terms, add their coefficients. Combine a terms by adding their coefficients:

11a + 3a + 7a (In this case a)

= 21a

There are no other like terms to combine. The answer is 21a.

Explanation#3

We will follow the same rules as before. To add like terms, add the coefficients. Combine a terms by adding their coefficients. There are no like terms with a variable in this problem, just like the integers (5 and 6).

5 + (h + 6)
= (h + 6) + 5
= h + (6 + 5)
= h + 11

The answer is h + 11.