Solve One-Variable Equations and Inequalities - Step-by-Step Lesson

Lesson 1 Equation Problem:

Simplify by combining like terms:

a) $3h + 7h$

b) $-9t + 2t + 4t$

Explanation:

a) We know that the like terms are terms that have the same variables to be considered. To add like terms, add their coefficients.

Combine the h terms by adding their coefficients:

$3h + 7h = 10h$

There are no other like terms to combine. The answer is 10h.

b) We know that we need to find the like terms. So we start with t.

$-9t + 2t + 4t =$

$+2t + 4t = +6t$

$+6t - 9t = -3t$

The answer will be $= -3t$