

Mathematics C

Catalogue Number	3137-0000
Category	Math
Duration	15 Hours

Lesson 2: Solving Simple Equations

This lesson introduces a range of mathematical concepts, including the various ways to present multiplication and division, the properties of minus one, zero and one, as well as how to work with negative numbers. Then you will cover other important concepts such as understanding the properties of addition and multiplication and working with fractions. Once you have covered the basics, the sections that follow cover the order of operations and how to evaluate expressions. You will learn how to solve equations using balancing and opposites with subtraction, addition, multiplication, division and multiple steps. You will then learn how to solve simple equations by balancing and using opposites.

In this lesson, we will cover the following topics:

- Mathematical concepts
 - Ways to show multiplication and division
 - Properties of zero o Properties of -1 and 1
 - Working with negative numbers
 - Properties of addition
 - Properties of multiplication
 - Working with fractions
- Evaluating algebraic expressions
 - Using the order of operations
 - Evaluating expressions
- Solving simple equations
 - Equations and balancing
 - Opposites
 - Subtracting to solve an equation
 - Practice solving equations
 - Adding to solve an equation
 - Multiplying and dividing to solve an equation
 - Practice multiplying and dividing to solve an equation
 - Solving equation using multiple steps

In each section, you will learn a new technique by working through an example, and then applying what you have learned to a similar problem. Step-by-step solutions are provided.