1: Introduction to Solving Equations
Objective: To introduce Year 7 students to the concept of solving equations and the use of inverse operations in solving equations.
Recap Activity: Utilize a quick math drill to assess the students’ current skills on basic arithmetic operations.
Teaching: Introduce the concept of solving equations and the use of inverse operations. Demonstrate how to solve simple equations, using addition, subtraction, multiplication, and division.
Practice: Provide the students with simple equations to solve using inverse operations. Encourage the students to use the operations in sequence.
Exit Ticket:
1) State the two key steps to follow in solving an equation
2) Solve the equation
2x - 3 = 11
Worksheet:
1) Solve the equation 5x + 12 = 32
2) Solve the equation 9 - 4y = 1
3) Solve the equation 3(x - 2) = -12
4) Solve the equation 2z + 5 = 11
5) Solve the equation 0.5x + 1 = 2