Learning Unit	Learning Objective	Time
Number and Algebra Strand		
8. Linear equations in one unknown	8.1 solve linear equations in one unknown 8.2 formulate linear equations in one unknown from a problem situation 8.3 solve problems involving linear equations in one unknown	7

Explanatory Notes:

In Learning Unit 5A2 "Simple equations (I)" and 6A1 "Simple equations (II)" of the primary Mathematics curriculum, students learnt solving special types of simple equations and related problems. Students also recognised the "balance principle" used in solving equations. This Learning Unit further requires students to solve general linear equations in one unknown.

In Learning Objective 8.1, students should understand the meaning of "solutions" .

As students have learnt representing word phrases by algebraic expressions in Learning Unit 7 "Algebraic expressions", they should be equipped with sufficient foundation to formulate linear equations in one unknown from a problem situation in Learning Objective 8.2, and use linear equations in one unknown to solve problems in Learning Objective 8.3.

This Learning Unit discusses the linear equations in one unknown having one solution only. Students may come across linear equations in one unknown having infinitely many solutions or no solutions in Learning Unit 9 "Linear equations in two unknowns" and Learning Unit 12 "Identities".