

Access to Higher Education Unit

This unit forms part of an Access to HE Diploma. This is a developmental unit so is only available as ungraded.

Unit Title: Numeracy in a Health Context

Ungraded Unit Reference Number: UD23DEV24

Module: Developmental

Level: Two (2)

Credit Value: Three (3)

Minimum Guided Learning Hours: 30

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Understand and use the four rules of number including in relation to units of measure	1.1 Apply the four rules of number (add, subtract, multiply and divide) manually to positive and negative whole numbers, and to fractions and decimals
	1.2 Apply the four rules of number (add, subtract, multiply and divide) in the correct order to solve problems manually to positive and negative whole numbers, and to fractions and decimals
	1.3 Apply the four rules of number appropriately to solve basic problems in a health context
	1.4 Make accurate mental estimations in order to assess the validity of calculations
2. Understand and use decimals, fractions and percentages, including in relation to units of measure	2.1 Identify equivalent fractions, and simplify any fraction by cancelling common factors
	2.2 Identify fractions corresponding to the decimal part of a number, or percentage, and vice versa (including recurring decimals)
	2.3 Convert between fractions, decimals and percentages

	2.4	Solve problems using fractions, decimals and percentages, to include converting units between of measure and within a health context
	2.5	Make accurate mental estimations in order to assess the validity of calculations
3. Know how to use a calculator to solve problems and use appropriate tools to check their answers	3.1	Use a calculator to apply the four rules of number (add, subtract, multiply and divide) to positive and negative whole numbers, and to fractions and decimals
	3.2	Use a calculator to convert between fractions, decimals and percentages
	3.3	Solve problems using fractions, decimals and percentages, to include converting units between of measure and within a health context, making appropriate use of a calculator