

Unit 5 Decimals: Addition and Subtraction

Introduction

Learning objectives

This unit aims to give participants an understanding of

- adding and subtracting numbers including decimals
- adding and subtracting numbers in the context of money.

Facts to remember

Brackets Any calculations in brackets must be completed first.

For example, $5 + (2 - 3) = 5 + (-1) = 4$

$$5 - (2 + 3) = 5 - 5 = 0$$

Decimal calculations Note that the decimal places in calculations must be consistent.

For example, $5.4 + 3.07 = 5.40 + 3.07 = 8.47$

$$18.37 - 7.5 = 18.37 - 7.50 = 10.87$$

Money calculations Units must be consistent.

For example, $£2 + 382 \text{ p} = £2.00 + £3.82$

$$= £5.82$$

$$\text{or } £2 + 382 \text{ p} = 200 \text{ p} + 382 \text{ p} = 582 \text{ p} = £5.82$$