

## Learner Assessment: Equations from situations

**Objective:** Translate a situation into equations and interpret solutions in context.

**Calculator condition:** Non-calculator core; calculator optional only for checking where labelled.

### L062 Equations from situations



**balanced operations + independent check**

Objective: Translate a situation into equations and interpret solutions in context.

### Recall

Retrieve the key fact or method needed for equations from situations.

### Core practice

Three adult tickets and two child tickets cost £37. Adults cost £9 each. Find child price.

Working: \_\_\_\_\_

Check/explanation: \_\_\_\_\_

### Reasoning

A rectangle's length is twice its width and its area is 50 cm<sup>2</sup>. Find positive dimensions.

Working: \_\_\_\_\_

Check/explanation: \_\_\_\_\_

### Exam-style

Solve an exam-style problem involving equations from situations. Show working, include a check and interpret your answer.

Working: \_\_\_\_\_

Check/explanation: \_\_\_\_\_