

4.14 Finding perimeter

Topic: Measurement

Subtopic: Length

Activity type/skill: Identifying information

Literacy focus: Reading

Genre: Mathematical problems

Objective

- Identify the steps in reading and answering a mathematical problem.
- Identify the structure of a mathematical problem.

What you need

- Student worksheet (see next page)

What to do

1. Look at the top of the student worksheet and have students write the numbers 1–5 beside the sentences to show the correct order of steps.
2. Look at the bottom of the student worksheet and read it together. Have students follow the steps to find the perimeter of the rugby field (320 metres) and identify relevant sections of the text as they work through them.

Answers:

4 Work out the answer.

1 Read the whole problem.

5 Write your answer.

2 Find the facts and the question.

3 Decide how to answer the question. Add? Subtract? Multiply? Divide?

Extending the activity

- Find similar problems in mathematics text books and help students identify the facts, the question and work out how they are going to answer it.

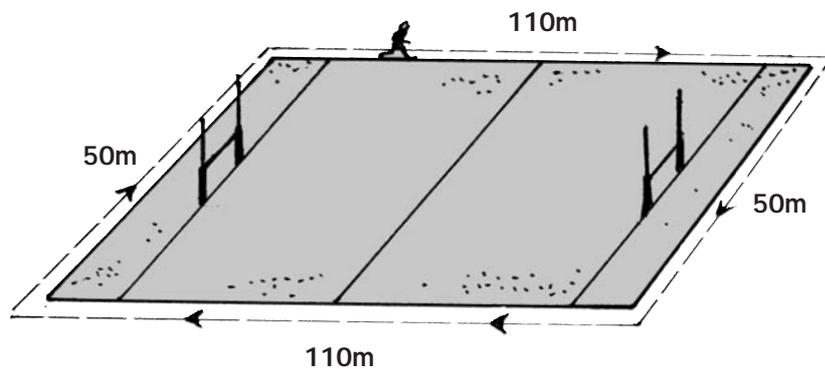
Activity fourteen

- Work out the answer.
- Read the whole problem.
- Write your answer.
- Find the facts and the question.
- Decide how to answer the question Add? Subtract? Multiply? Divide?

Finding perimeter

Perimeter is the distance around the edge of a shape.

Here is a diagram of a rugby field. The perimeter is the distance you would go if you ran around the outside lines of the field.



Use the measurements to find the perimeter of a rugby field.

$$\begin{array}{r} \text{Perimeter} = \quad \underline{\quad} \\ + \quad \underline{\quad} \\ + \quad \underline{\quad} \\ + \quad \underline{\quad} \\ = \quad \underline{\quad} \end{array}$$

The perimeter of a rugby field is _____