

Teacher view Student view

Write linear equations to represent diagrams and patterns
SC 1. I can formulate information in a diagram as a linear equation

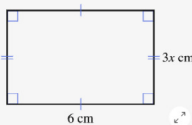
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- Introduction
- SC 1: I can formulate information in a diagram as a linear equation
- SC 2: I can formulate information in a pattern as a linear equation
- Lesson Review

Writing an equation for perimeter and area


Worked example See it in a video Check your understanding

Write equations for the perimeter and for the area of the rectangle shown.



a. the perimeter of the rectangle

Thinking	Working
The perimeter is the sum of all the side lengths.	$P = 6 + 6 + 3x + 3x$
Simplify the expression and state the answer.	$P = 12 + 6x$ The perimeter of the rectangle is given by $P = 12 + 6x$ cm.



Pearson Secondary Teaching Hub

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A robust digital hub

- Discover a library of quality content, assessment, videos, activities and more, broken down into curriculum-aligned topics and lessons across years 7 to 10.
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- Great for flipped learning, active learning, homework, revision and more.

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- For the resources that just make sense to use as downloads like teaching programs and worksheets.
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Select which curriculum you want to show content for in your search results.

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- Australian Curriculum v9.0
- Australian Curriculum v8.4
- NSW Syllabus

Australian Curriculum v9.0

AC9M7A03

solve one-variable linear equations with natural number solutions; verify the solution by substitution

Algebra

Your essential resource for VIC Mathematics in 2024

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