

Learner Assessment: Cumulative checkpoint 7 and feedback

Objective: Apply algebra and geometry pathways in a cumulative assessment.

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

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Objective: Apply algebra and geometry pathways in a cumulative assessment.

Recall

Retrieve the key fact or method needed for cumulative checkpoint 7 and feedback.

Core practice

A line $y=2x-3$ and a quadratic $y=x^2-4x+1$ intersect. Form the equation for their x-coordinates.

Working: _____

Check/explanation: _____

Reasoning

Why is substituting a found root back into the original equations stronger than repeating the same algebra?

Working: _____

Check/explanation: _____

Exam-style

Solve an exam-style problem involving cumulative checkpoint 7 and feedback. Show working, include a check and interpret your answer.

Working: _____

Check/explanation: _____