



M17 Algebraic arguments and proof

Personal learning checklist | 1 of 1

GCSE Edexcel Mathematics | All three papers | Foundation and Higher

Name _____ Class _____ Date _____

Tick one box for each statement. Red: need help. Amber: partly confident.
Green: can do independently.

Higher statements are labelled. Foundation students use the remaining statements.

I can	Red	Amber	Green
Core methods			
Represent even, odd and consecutive integers using algebra.	☐	☐	☐
Higher extensions			
Prove parity statements by expressing a general result in even or odd form (Higher).	☐	☐	☐
Prove divisibility statements by factorising a general expression (Higher).	☐	☐	☐
Applying and explaining			
Distinguish equations from identities and demonstrate equivalence through valid algebraic steps.	☐	☐	☐
Disprove universal claims with valid counterexamples and explain their significance.	☐	☐	☐

My next revision priority _____