

M20 Iteration and quadratic inequalities



Personal learning checklist | 1 of 1

GCSE Edexcel Mathematics | All three papers | Higher only

Name _____ Class _____ Date _____

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

All statements are Higher tier.

I can	Red	Amber	Green
Core methods			
Apply iteration rules from a stated initial value, retaining calculator precision (Higher).	☐	☐	☐
Rearrange equations into iteration rules and interpret their fixed points (Higher).	☐	☐	☐
Applying and explaining			
Locate roots by sign changes and assess convergence, divergence or oscillation (Higher).	☐	☐	☐
Solve quadratic inequalities using roots and the graph's sign (Higher).	☐	☐	☐
Check inequality intervals and endpoints, including restricted integer solutions (Higher).	☐	☐	☐

My next revision priority _____