



M13 Quadratic and other graphs

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			
Plot quadratic graphs and identify roots, intercepts, symmetry and turning points.	☐	☐	☐
Use quadratic symmetry and given vertex forms to locate maxima or minima.	☐	☐	☐
Applying and explaining			
Recognise and plot cubic and reciprocal graphs, respecting undefined values and asymptotes.	☐	☐	☐
Higher extensions			
Recognise exponential growth and decay graphs and their intercepts and asymptotes (Higher).	☐	☐	☐
Use trigonometric graphs, including periods, ranges and asymptotes, to find solutions (Higher).	☐	☐	☐
Complete the square to locate a quadratic turning point (Higher).	☐	☐	☐

My next revision priority _____