



M4 Powers, roots and standard form

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			
Evaluate powers and roots, distinguishing principal roots from solutions of squared equations.	☐	☐	☐
Apply index laws, including zero and negative integer indices.	☐	☐	☐
Applying and explaining			
Write and compare large and small numbers in standard form.	☐	☐	☐
Calculate in standard form and check calculator exponents and coefficient ranges.	☐	☐	☐
Higher extensions			
Evaluate fractional indices and combined negative fractional powers (Higher).	☐	☐	☐

My next revision priority _____