

IGCSE Edexcel IGCSE Further Pure Mathematics

Spec code: 4PM1 · Command Word Guide & Grade Boundary Tracker

Grade Thresholds

Session	Max	9	8	7	6	5	4	3
Jun 2025	200	173	156	140	113	86	60	47
Nov 2025	200	166	141	117	93	70	47	35
Jun 2024	200	168	149	130	103	77	51	38

4PM1 uses the 9–1 grading scale (not A*–G like 4MA1). Single tier only — two papers (01 and 02), each 100 marks, calculator permitted on both.

Grades 9–4 are targeted; grade 3 is allowed as a safety net. Source: Pearson Edexcel published grade boundaries. Always verify at qualifications.pearson.com.

Command Word Mastery

Mark schemes attach specific meaning to each command word below. Misreading one of these costs marks that working had already earned.

Command Word	What It Demands	Common Student Error	Workshop Fix
Prove	Present a complete, formally justified logical argument. For algebraic identities: work from one side only to the other — never assume the result.	Starting with the target identity and rearranging it as if it is already true. This circular method earns zero.	Workshop teaches two valid structures: LHS→RHS only, or both sides independently. Students label which structure they are using before starting.
Hence	Use the immediately preceding result as the starting point. The link must be explicit in the working.	Re-deriving from first principles. Even if the answer matches, the "hence" link mark is lost.	Students write "from part (a), ..." before each "hence" answer. Peer review checks the link statement is present.
Find	Calculate the required value, showing the method used. Both method and accuracy marks are available.	Stating a bare answer without any method. If wrong, all marks for that part are lost.	Standard: students write the method sentence before substituting. Peer reviewer checks the method line independently.
Solve exactly	"Exactly" means exact form is required — surd, π , fraction, or log — not a decimal approximation.	Giving a decimal answer for an "exact" question. This earns zero for accuracy even with correct method.	Drill: students practise recognising which exact form applies (surd, π , log) before attempting the calculation.

How EMI uses this: Edexcel 4PM1 uses the 9–1 scale — not the A*–G scale of 4MA1. Students who have done 4MA1 at IGCSE or 1MA1 at GCSE find 4PM1 significantly harder in content: complex numbers, matrices, calculus and further trigonometry appear for the first time. Every workshop confirms which topics are tested on which paper before beginning.