



M33 Circle theorems

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 the centre-angle theorem and give its conditions and reason (Higher).	☐	☐	☐
Use same-segment and semicircle theorems in linked angle calculations (Higher).	☐	☐	☐
Applying and explaining			
Calculate angles in cyclic quadrilaterals and justify the opposite-angle relationship (Higher).	☐	☐	☐
Use tangent-radius perpendicularity and equal tangents from an external point (Higher).	☐	☐	☐
Apply alternate-segment and chord-bisection facts in calculations and proofs (Higher).	☐	☐	☐

My next revision priority _____