

M32 Pythagoras and right-angle trigonometry



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			
Use Pythagoras to find hypotenuses, shorter sides and coordinate distances.	☐	☐	☐
Identify opposite, adjacent and hypotenuse sides and choose a suitable trigonometric ratio.	☐	☐	☐
Applying and explaining			
Find missing right-triangle lengths using trigonometry in degree mode.	☐	☐	☐
Find right-triangle angles and use exact trigonometric values in applications.	☐	☐	☐
Higher extensions			
Solve three-dimensional length and angle problems by identifying useful right triangles (Higher).	☐	☐	☐

My next revision priority _____