Unit 8: Pythagoras' Theorem

What I need to know

- · Justify Pythagoras' Theorem using algebra
- Understand and use Pythagoras' theorem to find any given side of a right-angled triangle
- Recognise Pythagorean triples: 3,4,5 triangles, 5, 12, 13 triangles etc
- Apply Pythagoras' theorem to solve a range of problems including finding lengths in isosceles triangles

Given the coordinates of points A and B find the length of AB

Key Vocabulary
Right angle
Hypotenuse
Acute angle
Pythagorean Triple
Altitude of a triangle

Student reference point















