N5 Maths: Pythagoras' Theorem

Answers

Section A: 3D Pythagoras

Q1 7 cm

Q2 11 mm

Q3 15 m

Q4 12.2 cm

Q5 10.53 mm

Section B: Converse of Pythagoras

Q6 Right-angled, because 169 = 169

Q7 Right-angled, because 2809 = 2809

Q8 Not right-angled, because 200 ≠ 196

Q9 Right-angled, because 6.25 = 6.25

Q10 Not right-angled, because 4100 ≠ 4225

Section C: Pythagoras in Circles

Q11 2 cm

Q12 3 cm

Q13 24 cm

Q14 39.1 mm

Q15 2.81 m

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