Practice worksheet | Pythagoras' theorem

Checking whether a triangle is right-angled

Name: _____ Date: _____

6 questions | 13 marks

1. Test lengths 5, 12 and 13 for a right angle. [2 marks]

2. Test lengths 8, 10 and 12 for a right angle. [2 marks]

3. Test lengths 15, 9 and 12 for a right angle. [2 marks]

4. Can lengths 2, 3 and 5 form a right triangle? [2 marks]

5. Test exact lengths 0.6 m, 0.8 m and 1 m. [2 marks]

6. A frame has exact sides 20 cm, 21 cm and 29 cm. Is the angle opposite the 29 cm side a right angle? Explain. [3 marks]