Practice worksheet | Pythagoras and Trigonometry

Sine rule

Name: _____ Date: _____

6 questions | 16 marks

1. A = 30°, a = 6 cm and B = 45°. Find b exactly. [3 marks]

2. A = 50°, a = 12 cm and B = 70°. Find b to 0.1 cm. [2 marks]

3. B = 40°, b = 9 cm and A = 55°. Find a to 0.1 cm. [2 marks]

4. A = 35°, a = 7 cm and b = 9 cm. Find all possible B to 0.1°. [3 marks]

5. Can A = 40°, a = 5 cm and b = 12 cm form a triangle? Explain. [3 marks]

6. A = 70°, B = 60° and a = 10 m. Find C and c to 0.1 m. [3 marks]