Practice worksheet | Practical trigonometry

Sine rule

Name: _____ Date: _____

6 questions | 17 marks

1. A=50°, B=70° and a=9 cm. Find b to one decimal place. [2 marks]

2. A=70°, a=20 cm and b=15 cm. Find B to one decimal place and explain whether its supplement fits. [3 marks]

3. A=45°, B=60° and a=10 m. Find C and c. [3 marks]

4. A=30°, a=10 cm and b=14 cm. Find both B angles to one decimal place. [3 marks]

5. A=50°, a=8 cm and b=13 cm. Does a triangle exist? Explain. [3 marks]

6. A=35°, B=85° and c=18 m. Find a to one decimal place. [3 marks]