Practice worksheet | Pythagoras and Trigonometry

Sine, cosine and tangent

Name: _____ Date: _____

6 questions | 13 marks

1. Opposite = 6, adjacent = 8, hypotenuse = 10. Find sin θ. [2 marks]

2. Using opposite = 6, adjacent = 8, hypotenuse = 10, find cos θ. [2 marks]

3. Using opposite = 6, adjacent = 8, hypotenuse = 10, find tan θ. [2 marks]

4. Evaluate tan 32.5° to four decimal places. [2 marks]

5. Evaluate cos 60°. [2 marks]

6. A student gives sin θ = 1.4 for an acute angle. Explain why this cannot be right. [3 marks]