Practice worksheet | Pythagoras and Trigonometry

Exact values from special triangles

Name: _____ Date: _____

6 questions | 13 marks

1. Find sin 30° exactly. [2 marks]

2. Find cos 45° exactly. [2 marks]

3. Find tan 30° exactly. [2 marks]

4. A right triangle has hypotenuse 10 cm and an angle of 45°. Find the opposite leg exactly. [3 marks]

5. Evaluate 2 cos 60° + sin 30° exactly. [2 marks]

6. Are sin 60° and tan 60° equal? Give exact values to justify. [2 marks]