Practice worksheet | Further trigonometry

Review of radians and unit-circle values

Name: _____ Date: _____

6 questions | 12 marks

1. Convert 210° to radians. [2 marks]

2. Convert $\frac{5\pi}{4}$ radians to degrees. [2 marks]

3. Find $\sin(\frac{4\pi}{3})$ exactly. [2 marks]

4. Find $\cos(-\frac{\pi}{3})$ exactly. [2 marks]

5. Find the arc length for radius 8 m and angle $\frac{3\pi}{8}$. [2 marks]

6. Explain why tangent is undefined at $\frac{\pi}{2}$. [2 marks]