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 $5\pi/4$ radians to degrees. [2 marks]

3. Find $\sin(4\pi/3)$ exactly. [2 marks]

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

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

6. Explain why tangent is undefined at $\pi/2$. [2 marks]