Practice worksheet | Further trigonometry

Reciprocal trig functions and their graphs

Name: _____ Date: _____

6 questions | 12 marks

1. Find $\sec(\frac{\pi}{3})$. [2 marks]

2. Find $\csc(\frac{7\pi}{6})$. [2 marks]

3. State the excluded values for $\csc(2x)$. [2 marks]

4. Solve $\sec x = -2$ on $[0, 2\pi)$. [2 marks]

5. State the range of $2\sec x + 1$. [2 marks]

6. Find the period and zeros of $\cot(2x)$. [2 marks]