Practice worksheet | Trigonometry

Sine/cosine/tangent graphs

Name: _____ Date: _____

6 questions | 18 marks

1. List zeros of $\sin x$ on $0 \leq x \leq 2\pi$. [3 marks]

2. Where does $\cos x$ attain -1 on $0 \leq x \leq 2\pi$? [3 marks]

3. State the range and period of $\sin x$. [3 marks]

4. Give tangent asymptotes between $-\pi$ and π. [3 marks]

5. Find all x with $\cos x = 0$ on $-\pi \leq x \leq \pi$. [3 marks]

6. Compare $\sin(x + 2\pi)$ with $\sin x$, and $\tan(x + \pi)$ with $\tan x$. [3 marks]