

Trig Graphing Review

Graph each of the following, showing all support work. Find the domain and range. State where all asymptotes occur, as well as zeros (pre-translation)

1. $y = -2\sin\frac{x}{4} - 3$

2. $y = \frac{2}{3}\cos 3\pi x + 1$

3. $y = -3\tan 2x - 1$

4. $y = \cot(4x) + 2$

5. $y = 4\sec\frac{2\pi x}{3}$

6. $y = -\csc\frac{x}{4} - 3$