Name: _____

Fill in the table with either the equation or graph.

Parent Function Equation	Graph	Parent Function Equation	Graph
1. $y = \tan x$		**2.** $y = \csc x$	
3. $y = \sec x$ $\dfrac{1}{\cos x}$		**4.** $y = \cot x$	

5. What is the period of $y = \tan x$? π

6. What is the period of $y = \csc x$? 2π

7. Where do asymptotes occur between 0 and 2π on the graph of...

    a. $y = \tan x$ $\dfrac{\pi}{2}$ and $\dfrac{3\pi}{2}$

    b. $y = \cot x$ 0 and π and 2π

    c. $y = \csc x$ 0 and π and 2π

    d. $y = \sec x$ $\dfrac{\pi}{2}$ and $\dfrac{3\pi}{2}$