Fill in the table with either the equation or graph.

Parent Function Equation	Graph	Parent Function Equation	Graph
1. $y = \tan x$		2.	
3. $y = \sec x$		4.	

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

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

7. Generally, where do asymptotes occur on the graph of…
  a. $y = \tan x$

  b. $y = \cot x$

  c. $y = \csc x$

  d. $y = \sec x$

8. Which of the following parent functions are even in regards to symmetry?
  a. $y = \tan x$ b. $y = \cot x$ c. $y = \csc x$ d. $y = \sec x$

9. List the intervals where the graph of $y = \csc x$ is increasing.