1. Define the inverse secant function by restricting the domain of the secant function.  
(Hint: Review your notes on the inverse of sines and cosines.)

a. What is the domain of the inverse secant function?

b. What is the range of the inverse secant function?

c. Graph the inverse secant function.

2. Solve sec(x) = y, for x.  (Hint: convert secant to cosine.)