

Name: \_\_\_\_\_

**QUIZ 12**  
**305G 11-14-08**

(1) In the interval  $[-\frac{\pi}{2}, \frac{\pi}{2}]$  the function  $f(\theta) = \tan(\theta)$  has a zero at  $x =$  \_\_\_\_\_  
and has vertical asymptotes  $x =$  \_\_\_\_\_ and  $x =$  \_\_\_\_\_.

(2) Use the diagram below to determine the values (real numbers)  $A$ ,  $B$ ,  $C$ ,  
and  $D$ .

