MAC 2311 Hybrid Calculus I (B)

**Review**

1. Find the difference quotient for the function.

2. Simplify as a piecewise function.

3. The function is an even function, odd function or neither.

4. Evaluate *cot* (−7π/3) =

5. Solve for all *x.*

6. If *f* (*x*) = and *g*(*x*) = 1/ (*x* −1), find *f*  *g* (x), and give its domain.

7. Simplify