

## Assignment #8-5

## Secondary 3 Honors

**PreCalculus Book:** Pg. 316 9, 11, 14, 16, 24, 25(no calculator), 31-34(radian mode), 35-38

### Additional Problems:

1. Solve  $3 + 2^x = 10$
2. Solve  $\frac{2}{x-3} - \frac{1}{x+2} = \frac{x-5}{x+2}$
3. Find the inverse of  $y = 4x^2 - 12$
4. Solve  $x^2 - 2x + 25 = 0$
5. Solve triangle ABC if  $A = 60^\circ$ ,  $a = 9$ ,  $c = 10$ .
6. Solve triangle ABC if  $a = 6$ ,  $b = 8$ ,  $c = 12$ .