ASSIGNMENT

1. Find the inverse of the function

F: R→ R, $f(x) = 3x + 5$

2. Draw the graphs of the functions:

a. $y = f(x) = 8 + 2x$

b. $y = f(x) = 8 - 2x$

c. $y = f(x) = 10 - 2x$

3. Draw the graphs of the functions:

a. $y = f(x) = x^2 - 6x + 8$

b. $y = f(x) = -x^2 - 6x + 8$

4. Find the Market Equilibrium Point (P',Q') for the demand and supply function given by: $Q_d = a - b_p$ and $Q_s = -c + dP$ where a,b,c,d > 0.