**Week 1 Seminar Solutions**

1. Explain the following Extended Order Types.

**- Day Orders**

**- Non-routable**

**- Pegged, Hide-not-Slide**

**- Hidden**

**- Iceberg**

**- Immediate-or-Cancel**

**- Fill-or-Kill**

**- Good-Till-Time**

**- Discretionary**

2. Suppose the of the best bid price is and the best ask price is , their relative quantities posted at the bid shares and at the ask shares:

a. What is the spread?

a. What is the midprice?

b. What is the microprice?

c. If 500 shares buying LOs come, what will happen to the midprice? What will happen to the microprice?

d. If 500 shares selling MOs come, what will happen to the midprice?