```
Problem 1.)6.11.)
a.) optimizing for Z_1, Z_2, and Z_3
m_0 = 13469.2 kg
m_1 = 5309.93 kg
m_2 = 4253.36 kg
m_3 = 2905.87 kg

a.) optimizing for m_1, m_2, and m_3
m_0 = 13469.2 kg
m_1 = 5309.97 kg
m_2 = 4253.32 kg
m_3 = 2905.86 kg

b.) optimizing for Z_1, Z_2, and Z_3
m_0 = 18210.9 kg
m_1 = 8543.38 kg
m_2 = 5455.11 kg
m_3 = 3212.42 kg

b.) optimizing for m_1, m_2, and m_3
m_0 = 18210.9 kg
m_1 = 8543.39 kg
m_2 = 5455.12 kg
m_3 = 3212.4 kg
>>
```