**Practice Problems**

1. Write the single precision representation and single precision scientific notation for the following numbers:

a. (1523.21)10

b. (929.32)10

c. (81.432)10

2. Perform floating point addition in the following numbers:

a. (-110110.011 x 102) + (-11011.11 x 103)

b. (0.110101 x 10-1) + (1.00101 x 102)