Practice Problems (1-step conversions using Avogadro's number)

Modern Chemistry, p 89 & 90

Instructions: Complete the conversions indicated below. You MUST use dimensional analysis (conversion factors) and you MUST show all units. Sig figs count!!!

1. How many moles of atoms are there in each of the following?
    a. 6.022×10^{23} atoms Ne
    b. 3.011×10^{23} atoms Mg
2. How many atoms are there in each of the following?
    a. 1.50 mol Na
    b. 6.755 mol Pb