**Homework: Mole Conversions**

Perform the following conversions. Show all your work.

1. How many moles are there in 45.87 grams of NaCl?
2. How many moles are there in 8.7 x 1025 atoms of Hydrogen?
3. Convert 8.89 of KOH to grams.
4. Convert 9.34 moles to molecules.
5. Convert 8.2 x 1023 atoms to moles.
6. How many atoms are there in 3.4 x 1023 moles?