Work each of the following problems. SHOW ALL WORK.

1. How many atoms are in 0.34 moles of strontium?

2. Convert $2.4 \times 10^{21}$ formula units of magnesium hydroxide to grams.

3. How many molecules of dinitrogen pentoxide are in 1.44 moles of dinitrogen pentoxide?


5. Convert 6.7 grams of aluminum sulfate to moles.