

Name _____

Period _____

MOLE WORKSHEET - COMPOUNDS

Make the following conversions using unit analysis. Please show ALL work and circle your final answer.

Convert to moles:

1. 34 grams NH_3
2. 50.0 grams CaCO_3
3. 360 grams H_2O
4. 9.00 grams H_2SO_4
5. 1.00 gram NaCH_3CO_2

Convert to mass in grams:

6. 5.0 moles $\text{Al}(\text{NO}_3)_3$
7. 4.50 moles Na_3PO_4
8. 0.30 moles H_2SO_4
9. 0.002 moles KOH
10. 1.50×10^{-4} moles AgCl