

Name: \_\_\_\_\_

Block: \_\_\_\_\_

### Molar Mass

For each of the following compounds, give the mass in grams of the quantity indicated.

1. 1.00 mole of HCl

2. 1.00 mole of  $\text{Fe}_2\text{O}_3$

3. 1.00 mole of  $\text{LiAlH}_4$

4. 1.00 mole of  $\text{C}_6\text{H}_{12}\text{O}_6$

5. 1.00 mole of  $\text{Ca}_3(\text{PO}_4)_2$

6. 2.50 mole of  $\text{UOCl}_2$

7. 0.85 mole of  $\text{NiCl}_2$

8. 12.3 mole of  $(\text{NH}_4)_2\text{SO}_4$

9. 0.0061 mole of  $\text{AgNO}_3$

10. 4.84 mole of  $\text{CH}_3\text{COOH}$