

# MOLES AND MASS

Name \_\_\_\_\_

Determine the number of moles in each of the quantities below.

1. 25 g of NaCl	_____
2. 125 g of $\text{H}_2\text{SO}_4$	_____
3. 100. g of $\text{KMnO}_4$	_____
4. 74 g of KCl	_____
5. 35 g of $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$	_____

Determine the number of grams in each of the quantities below.

1. 2.5 moles of NaCl	_____
2. 0.50 moles of $\text{H}_2\text{SO}_4$	_____
3. 1.70 moles of $\text{KMnO}_4$	_____
4. 0.25 moles of KCl	_____
5. 3.2 moles of $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$	_____