



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



## MOLE CONVERSION

Answer the questions.

1. How many mol  $\text{Na}_2\text{CO}_3$  are in 23.5 g  $\text{Na}_2\text{CO}_3$ ?
2. What mass is 3.52 mol  $\text{NaNO}_3$ ?
3.  $2.932 \times 10^{17}$   $\text{H}_2\text{O}$  molecules is equal to how many mol  $\text{H}_2\text{O}$  molecules?
4. How many O atoms are in 6.229 mol  $\text{Ca}(\text{NO}_3)_2$ ?
5. How many mol H atoms are in 2.63 mol  $\text{CH}_2\text{O}$ ?
6. How many Ag atoms are in 2.43 mol Ag atoms?
7. How many mol  $\text{FeCl}_3$  are in 153 g  $\text{FeCl}_3$ ?
8.  $7.53 \times 10^{28}$  Al atoms is equal to how many mol Al atoms?
9. How many Cl atoms are in 3.63 mol  $\text{CH}_2\text{Cl}_2$ ?
10. How many mol N atoms are in 8.3 mol HCN?
11. How many  $\text{Br}_2$  molecules are in 18.2 mol  $\text{Br}_2$  molecules?

