

### Mole Calculations Worksheet

- 1) How many moles are in 10 grams of sodium?
- 2) How many grams are in 2.4 moles of sulfur?
- 3) How many moles are in 20 grams of argon?
- 4) How many grams are in 88.1 moles of magnesium?
- 5) How many moles are in 2.2 grams of phosphorus?
- 6) How many grams are in 11.8 moles of chromium?
- 7) How many moles are in 8.8 grams of calcium?
- 8) How many grams are in 2.88 moles of arsenic?

What are the molecular weights of the following compounds?

- |                          |                                  |
|--------------------------|----------------------------------|
| 9) $\text{NaOH}$         | 10) $\text{Na}_2\text{PO}_4$     |
| 11) $\text{H}_2\text{O}$ | 12) $\text{H}_2\text{SO}_4$      |
| 13) $\text{MgO}$         | 14) $(\text{NH}_4)_2\text{CO}_3$ |