

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?

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|--------------------------|----------------------------------|
| 9) NaOH | 10) Na_2PO_4 |
| 11) H_2O | 12) Ba_3O_2 |
| 13) MgO | 14) $(\text{NH}_4)_2\text{CO}_3$ |