

- 1) How many moles are in 40.0 grams of water?
  
  
  
  
  
  
  
  
  
  
- 2) How many grams are in 3.7 moles of  $\text{Na}_2\text{O}$ ?
  
  
  
  
  
  
  
  
  
  
- 3) How many atoms are in 14 moles of cadmium?
  
  
  
  
  
  
  
  
  
  
- 4) How many moles are in  $4.3 \times 10^{22}$  molecules of  $\text{H}_3\text{PO}_4$ ?
  
  
  
  
  
  
  
  
  
  
- 5) How many molecules are in 48.0 grams of  $\text{NaOH}$ ?
  
  
  
  
  
  
  
  
  
  
- 6) How many grams are in  $4.63 \times 10^{24}$  molecules of  $\text{CCl}_4$ ?