



5. Convert 3.00 moles  $\text{As}_2\text{S}_3$  to grams.
  
  
  
  
  
  
  
  
  
  
6. How many moles are represented by 11.5 g of  $\text{C}_2\text{H}_5\text{OH}$ ?
  
  
  
  
  
  
  
  
  
  
7. What is the mass of 9.30 moles of  $\text{SiH}_4$ ?
  
  
  
  
  
  
  
  
  
  
8. Convert  $8.00 \times 10^{20}$  molecules of  $\text{H}_2$  to moles.
  
  
  
  
  
  
  
  
  
  
9. How many atoms of tin are found in 3.50 moles of tin?
  
  
  
  
  
  
  
  
  
  
10. How many grams of tin are found in 3.50 moles of tin?

Bonus: How many atoms of hydrogen are found in 12.6 moles of water?