

Unit 5, Video 11: Molar Mass

1. Describe where the molar mass of an element can be found.
2. What are the units of molar mass?
3. Calculate the molar mass of the following compound: $(\text{NH}_4)_2\text{S}$.
4. Answer each of the following questions. Be sure to show your work including the conversion factors necessary to solve each problem.
 - a. How many grams of CaCl_2 are in 0.325 moles of CaCl_2 ?
 - b. How many moles of water are in 10.2 grams of water?
5. Describe how to determine which number should be on the bottom of a conversion factor.