

Questions to be completed and submitted to work towards credit earned in Chemistry 112.
Please email a picture or scanned copy of your work to Mrs. Arsenault.

Material covered April 27 – May 1

1. Find the percent iron in $\text{Fe}_2(\text{CO}_3)_3$
2. Find the percent carbon in CH_3COCH_3
3. Find the percent composition of CH_3CN
4. Determine the molecular formula for a substance with a molar mass of 180.2 g/mol that is 40.0% C, 6.8% H and 53.2% O.
5. Determine the molecular formula for a substance with a molar mass of 162.24 g/mol that is 74.0% C, 8.7% H and 17.3% N.