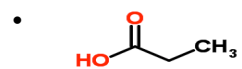
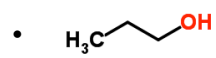
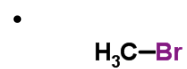
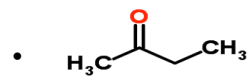
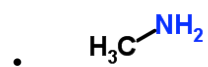
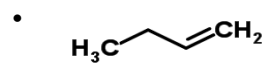


## Summer Assignment

### Organic Chemistry

Name the following compounds.

- $\text{CH}_4$
- $\text{C}_4\text{H}_{10}$
- $\text{CH}_3\text{COCH}_3$
- $\text{CH}_3\text{C}_6\text{H}_5$
- $\text{C}_2\text{H}_2$
- $\text{C}_2\text{H}_5\text{OH}$
- $\text{C}_7\text{H}_{16}$
- $\text{C}_9\text{H}_{20}$



Write the formulas for the following (Draw if necessary):

- 2-hexene
- 1-pentyne
- 2-propanol
- propanal
- cyclohexanone
- dimethylamine
- 2-methyl butanoic acid
- ethyl methyl ether
- 1,3-dichlorobenzene

6. Draw:

- 2,2-dimethyl pentane
- 3,3,4-trimethyl hexane
- 4-octyne

7. What makes a compound organic?

8. What are some inorganic carbon compounds?