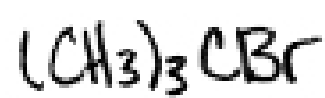
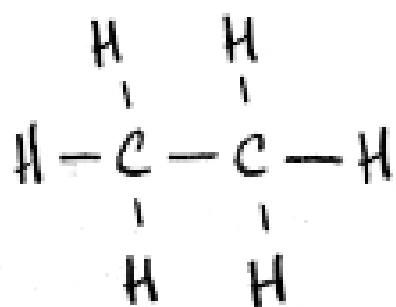


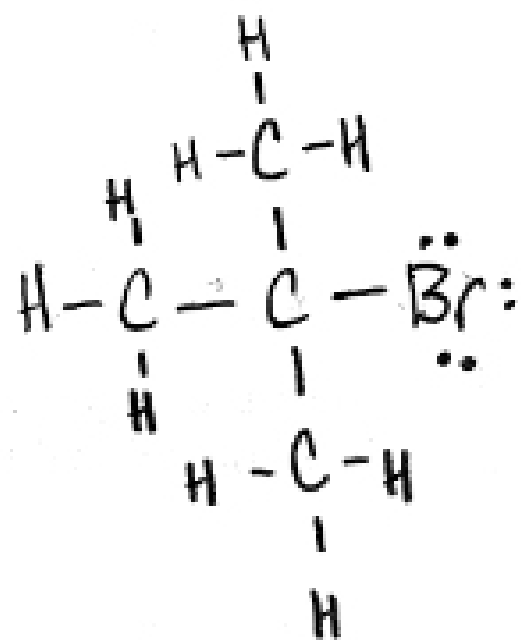
# Problem Set 1



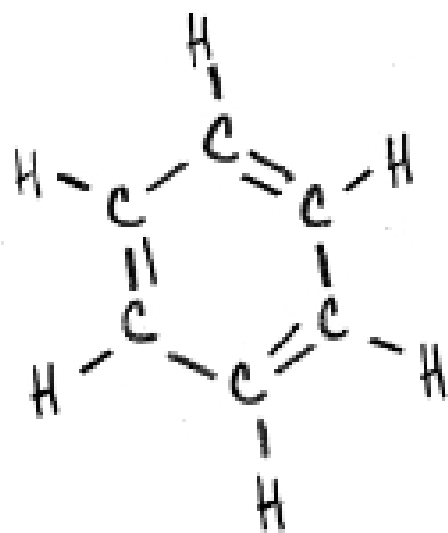
V.E. = 14



V.E. = 32



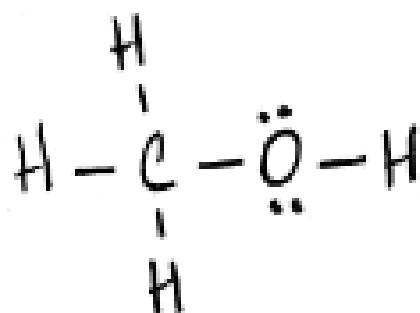
V.E. = 30



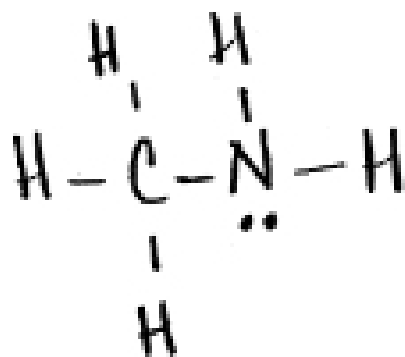
V.E. = 12

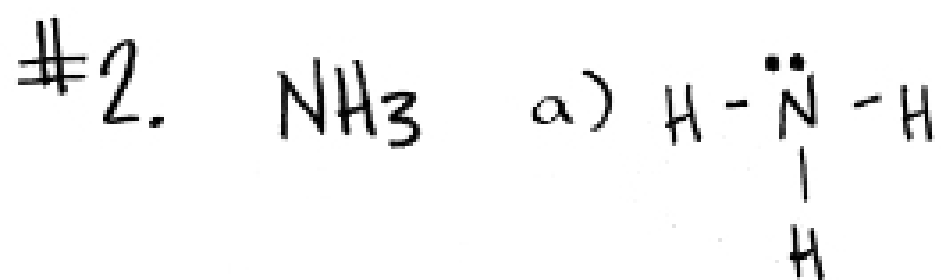


V.E. = 14



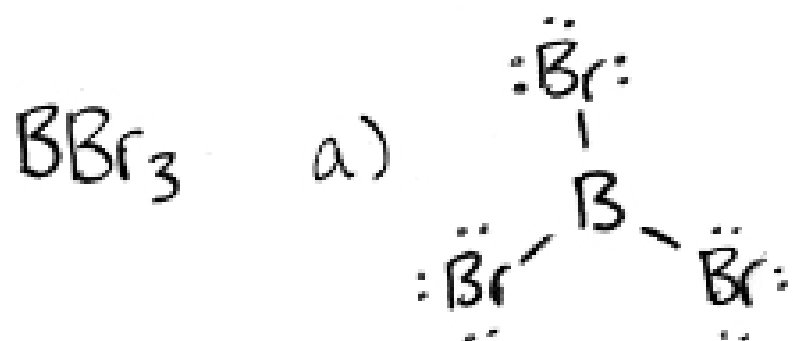
V.E. = 14





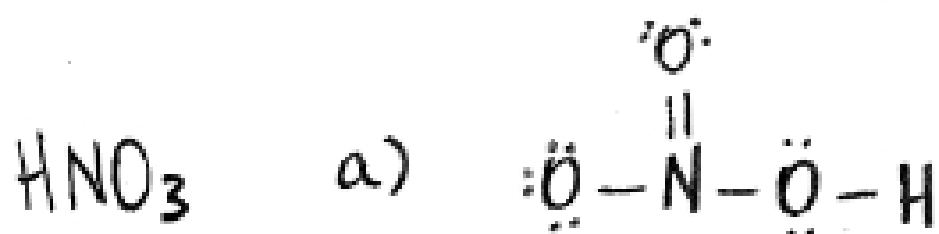
b) Yes, the octet rule applies here.

c) Formal charge =  $\emptyset$  for all atoms

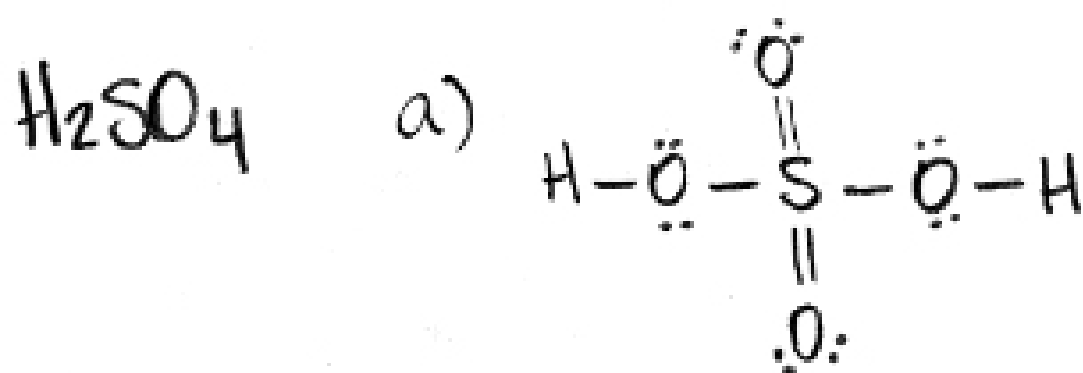
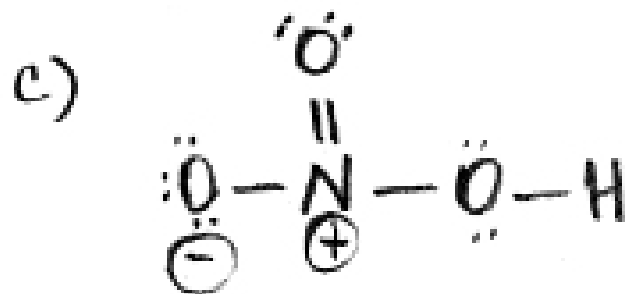


b) The octet rule does not apply to Boron here.

c) Formal charge =  $\emptyset$  for all atoms

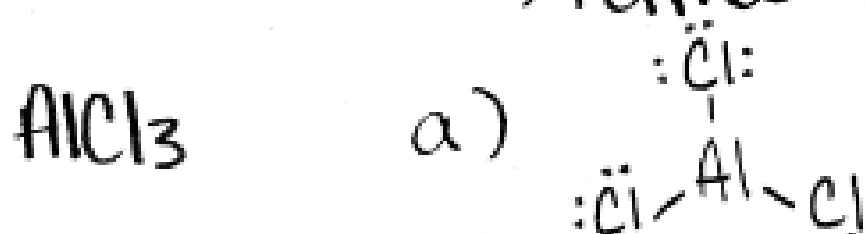


b) Yes, the octet rule applies here



b) The octet rule does not apply to Sulfur here.

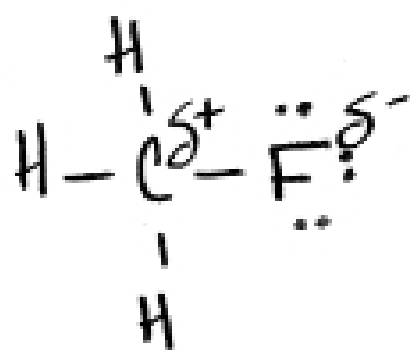
c) Formal charge =  $\emptyset$  for all atoms



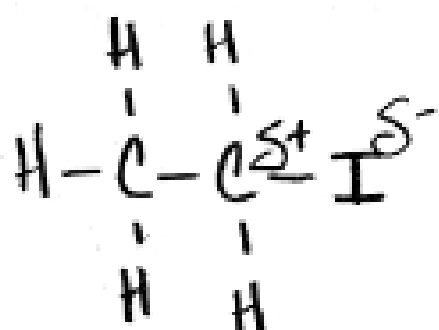
b) The octet rule does not apply to Al here

c) Formal charge =  $\emptyset$  for all atoms

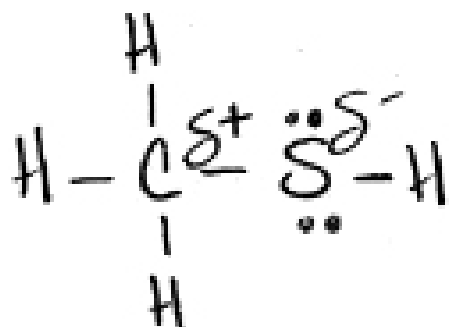
#3. CH<sub>3</sub>F



C<sub>2</sub>H<sub>5</sub>I



CH<sub>4</sub>S



#4.

