1 What is the shape of H2S?
   A Linear
   B Bent
   C Trigonal pyramid
   D Tetrahedral
   E None of the above

2 What is the shape of NH4+?
   A Linear
   B Bent
   C Trigonal pyramid
   D Tetrahedral
   E None of the above

3 What is the shape of NH3?
   A Linear
   B Bent
   C Trigonal pyramid
   D Tetrahedral
   E None of the above

4 What is the shape of NH2-?
   A Linear
   B Bent
   C Trigonal pyramid
   D Tetrahedral
   E None of the above

5 What is the shape of CH4?
   A Linear
   B Bent
   C Trigonal pyramid
   D Tetrahedral
   E None of the above

6 What is the shape of BF3?
   A Linear
   B Bent
   C Trigonal pyramid
   D Tetrahedral
   E None of the above
7. The shape of NH₃ is trigonal pyramid. One proton is removed from the N of NH₃. What is the shape of the resulting molecular ion?
   A. Trigonal pyramid
   B. Trigonal planar
   C. Bent
   D. None of the above

8. The shape of NH₃ is trigonal pyramid. One proton is removed from one of the H's of NH₃. What is the shape of the resulting molecular ion?
   A. Trigonal pyramid
   B. Trigonal planar
   C. Bent
   D. None of the above