Question 1 (3 points): Draw the Lewis structure with all resonance structures for the carbonate (CO$_3^{2-}$)

![Lewis structure of carbonate](image)

Question 2 (1 point): What is the electron geometry name for carbonate (CO$_3^{2-}$)?

**Trigonal planar**

Question 3 (1 point): What is the molecular geometry name for carbonate (CO$_3^{2-}$)?

**Trigonal Planar**