**Mini-quiz #22 Chemistry 1114 Monday 18 November 2013**

 **6 pts**

**Your name:\_\_\_\_\_\_\_\_\_\_\_\_answers\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ A**

**Draw the correct Lewis structures for the molecules below (with formal charges-if present, and lone pairs), then assign their shape (linear, trigonal planar, etc. ).**

 **Lewis structure shape**

**SO3**



 **Trigonal planar**

**H2S**



 **Bent**



**SF6 Octahedral**

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 **6 pts**

**Your name:\_\_\_\_\_\_\_\_\_\_answers\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ B**

**Draw the correct Lewis structures for the molecules below (with formal charges-if present, and lone pairs), then assign their shape (linear, trigonal planar, etc. ).**

 **Lewis structure shape**

**CO2**



 **linear**



**H2O bent**



**PF5  trigonal bipyramid**