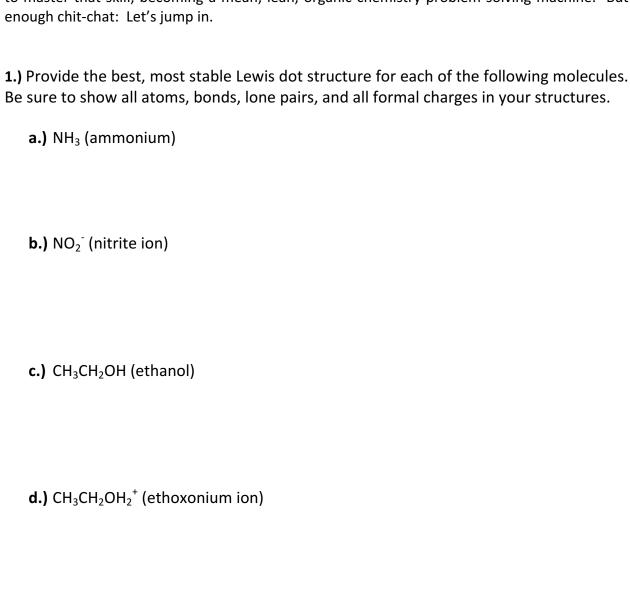
## **Gen-Chem #1: Bonding & Drawing Structures**

Hey all! Welcome to your very first worksheet. So here's how this works: After you finish watching a video about a certain topic, you can complete the worksheet that goes along with it to master that skill, becoming a mean, lean, organic chemistry-problem solving machine. But enough chit-chat: Let's jump in.



f.)  $O_3$  (ozone)

**e.)** N<sub>3</sub> (azide ion, this one is tricky)

**2.)** Okay, okay, I see you: Good job. Now, try this: Below are organic (remember, organic means 'carbon-containing') structures in either Lewis Dot form <u>or</u> in Bond Line form. Convert all Lewis Dot reactants/products to Bond Line form, and convert all Bond Line form reactants/products to Lewis Dot form\*\*.

\*\*Sorry, if that was confusing, but here's a quick example (Bond line to Lewis Dot)\*\*:



All right, now get after it!

(PS: You'll learn eventually learn how to make these reactions happen one day)