**Cyclo – Isomer and**

**Benzene**

**“Cyclo”: Prefix that means circular. If you see the name of an isomer with “Cyclo” in front it means that these are chains that make rings.**

**Example:**

**C5H10**

**Cyclo Pentane**

**C5H10**



**Pentene**

**Benzene: is a very common Cyclo isomer made of 6 carbons and alternating single and double bonds.**

**C6H6**



**Benzene**

**\*\*Since benzene is a very common Carbon chain there is a picture that is shorter than the original.**

**Benzene**

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**2 – Chloro Benzene**

**When naming benzene chains you number the carbons by starting at the top and going clockwise. The daughter chains off of benzenes can be smaller carbon chains or single elements.**

**Example:**

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**3, 6 – Chloro Bromo Benzene**

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**2 – Ethyll Benzene**

**Draw the following:**

1. **Propyne**
2. **Cyclo Butene**
3. **1,3 - Di Ethyll Pentane**
4. **3 – Butyl Benzene**
5. **1, 2, 6 – Tri Methyl Benzene**
6. **Ethyne**