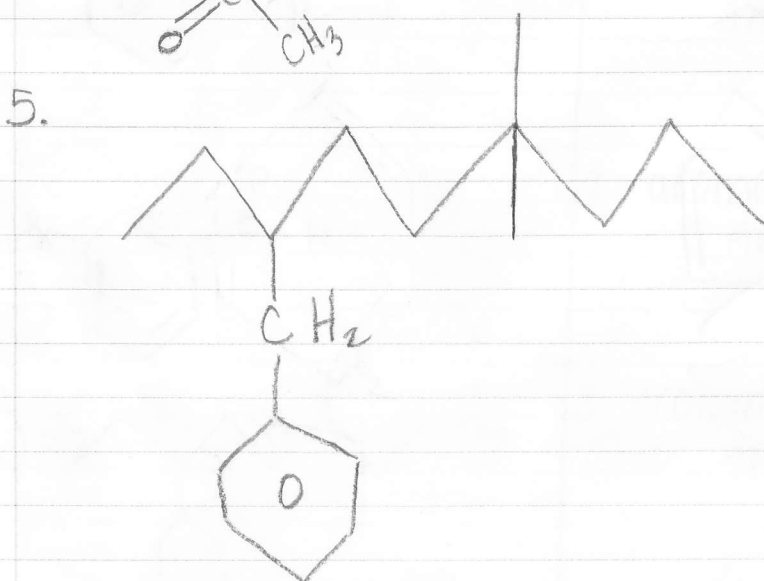
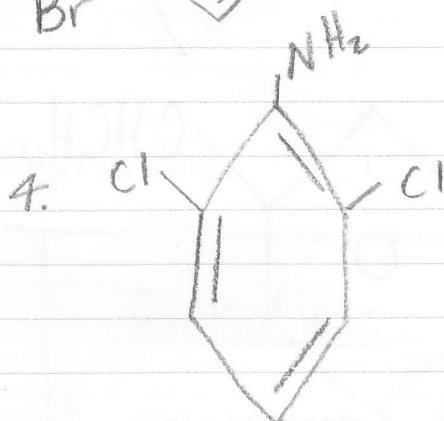
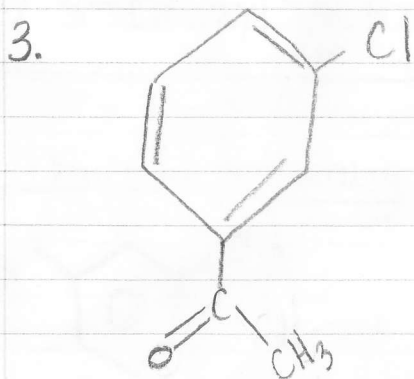
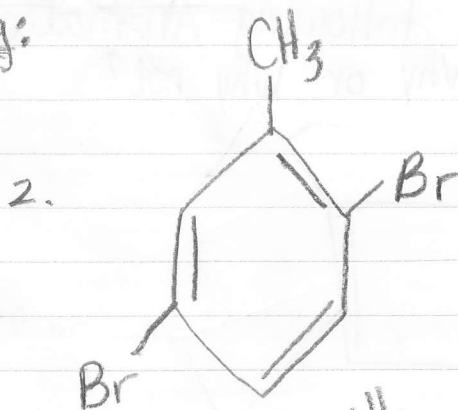
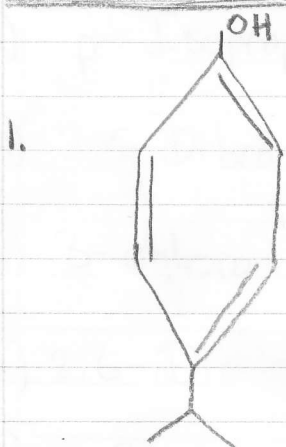


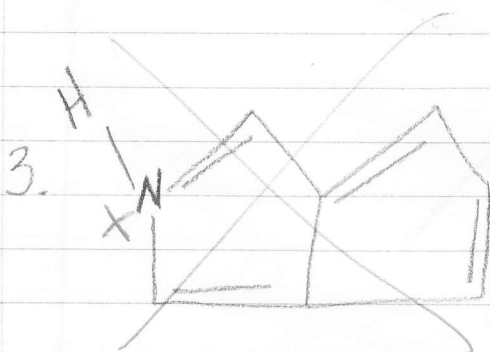
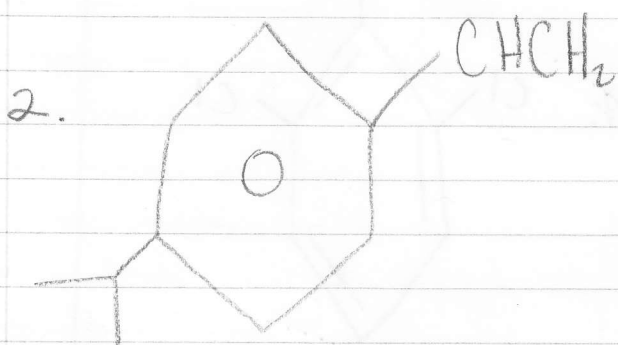
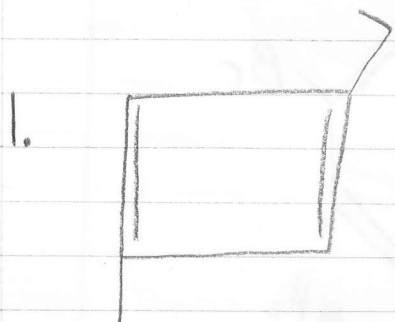
Name the Following:



Draw the Following:

1. m-methylphenol
2. 3-bromobenzaldehyde
3. (E)-3-nitro-6-phenyl-4-octene
4. p-chlorobenzoic acid
5. o-nitrostyrene

Are the following Aromatic?
Why or Why not?

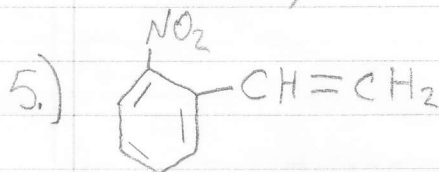
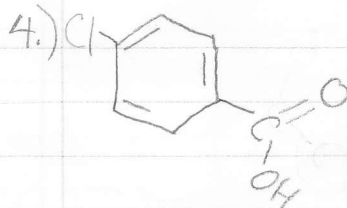
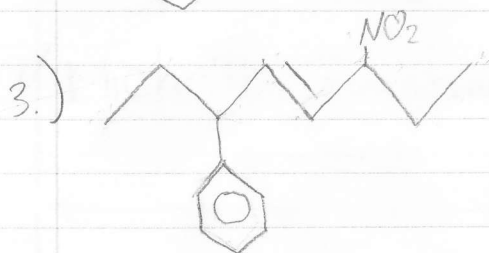
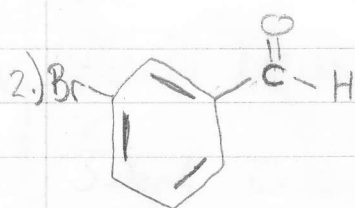


Group 1 Answers

Name the following:

- 1.) p-IsopropylPhenol
- 2.) 2,5-Dibromotoluene
- 3.) 3-chloroacetophenone or m-chloroacetophenone
- 4.) 2,6-Dichloroaniline
- 5.) 3-Benzyl-6,6-dimethylnonane

Draw the following:



Aromatics:

1. non-aromatic (no) Doesn't follow Huckel's rule
 $4n + 2 = 4$
 $4n = 2$
 $n = 1/2 \rightarrow$ non-integer

2. aromatic (yes)
 $4n + 2 = 6$
 $4n = 4$
 $n = 1$

~~3. aromatic (yes)
 $4n + 2 = 10$
 $4n = 8$
 $n = 2$~~