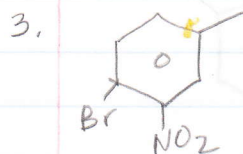
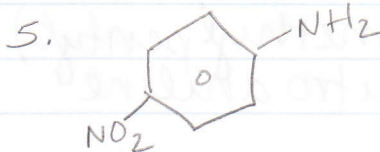
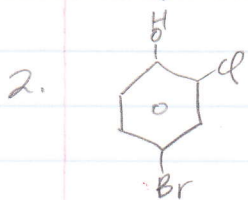
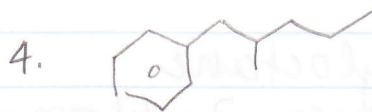
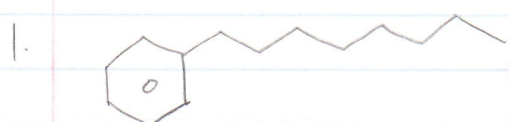


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Group 5:

The Orgos

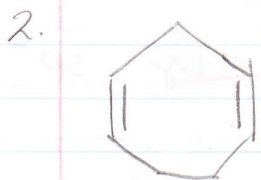
Naming



Drawings

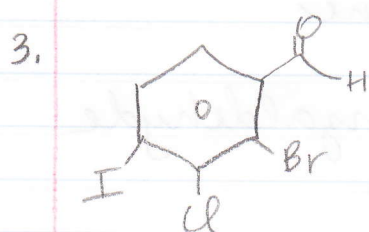
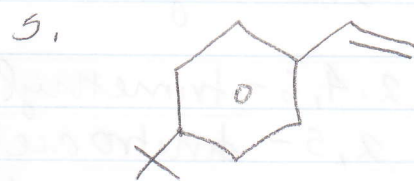
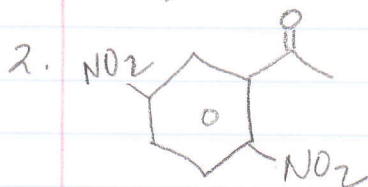
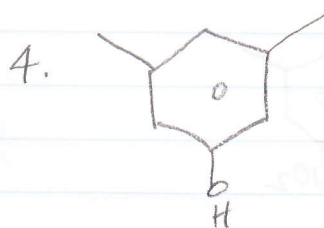
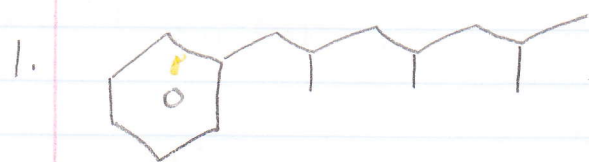
- 2,4,6-trimethyl-1-phenylheptane
- 2,5-dinitroacetophenone
- 2-bromo-3-chloro-5-iodobenzaldehyde
- 3,5-dimethylphenol
- p-t-butylstyrene

Am I aromatic?



Answers

1. 1-phenyloctane
2. 4-bromo-2-chlorophenol
3. 4-bromo-3-nitrotoluene
4. (2-methylpentyl) benzene
5. p-nitro aniline



1. Yes, $4n+2=6$
 $n=1$

Oxygen is sp^3

2. No, $4n+2=4$
 $n=\frac{1}{2}$

Huckle's Rule

3. ~~Yes, $4n+2=2$
 $n=0$~~

~~Nitrogen is sp^2~~

not a conjugated system