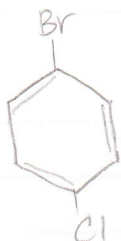


Chapter 15 homework group 6

Name

Draw

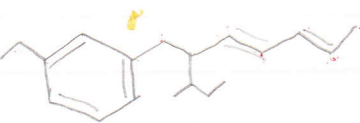
1.



1. 2,6-diiodophenol

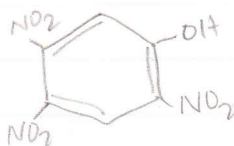
2. 2-ethyl-3,4-dibromobenzaldehyde

2.

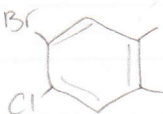


3. 3,5-dichloro-2-ethylphenol

3.

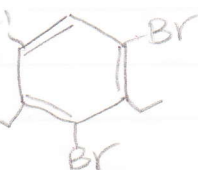
4. 3-*t*-butyl-4,4-diethyl-6-*sec*-butyl-2-phenylnonane

4.

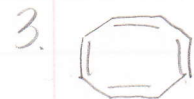
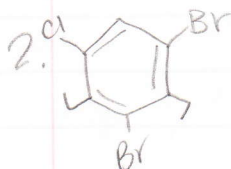


5. 1,3,5,7-cyclooctatetraene

5.



Aromatic?



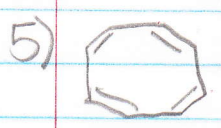
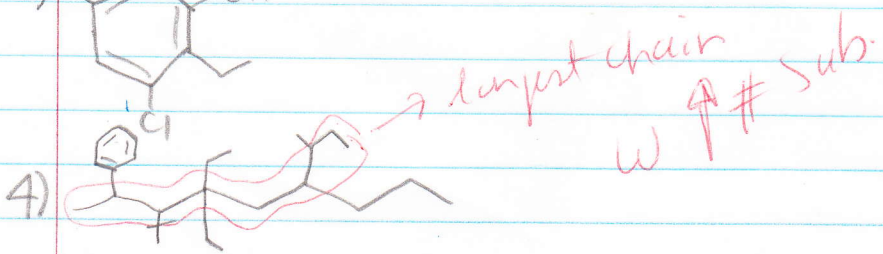
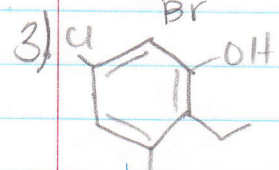
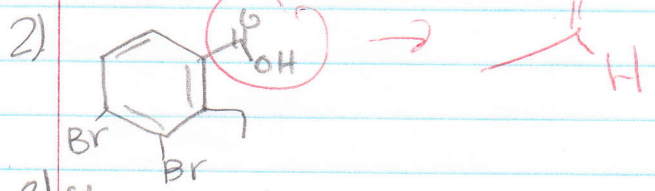
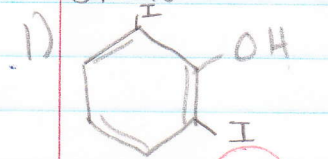
Answers

Name

- 1) p-bromochlorobenzene
- 2) (2E)-6-sec-butyl-7-(phenyl (3-ethyl))-2-hepten-4-yne
- 3) 2,4,5 trinitrophenol
- 4) 1-bromo-2-chloro-4,5-dimethylbenzene
- 5) 1,3-dibromo-5-chloro-2,4-diethylbenzene

complex

Draw



Aromatic?

1. no, $4\pi e$
2. yes, $4n+2=6$ $n=1$
3. no, $4n+2=8$ $n=3/2$