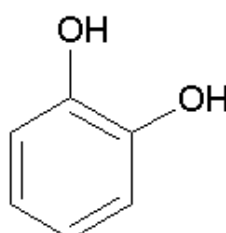
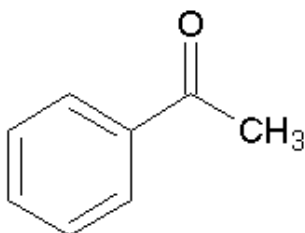
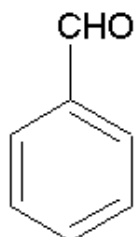
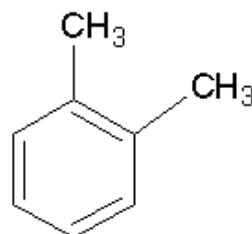
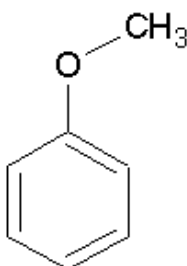
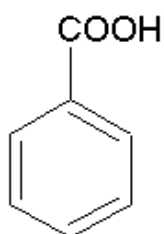
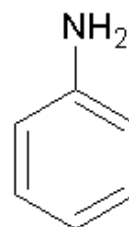
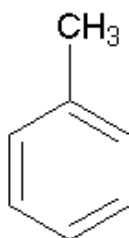
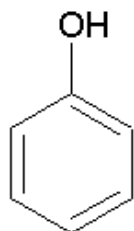


CONCEPT: BENZENE NOMENCLATURE

Benzene was one of the first organic molecules to be identified (1825), so *common names* predominate.

Common Benzene Derivatives:



Monosubstituted Benzene:

- No location necessary

Disubstituted Benzene:

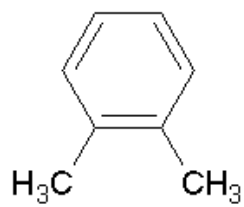
- No numerical locations
 - ☐ 1,2 = _____ (o-)
 - ☐ 1,3 = _____ (m-)
 - ☐ 1,4 = _____ (p-)

Multisubstituted Benzene:

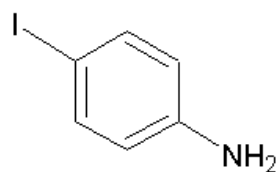
- Numerical locations necessary
 - ☐ **Do not** use -o, -m, -p

EXAMPLE: Correctly name the following benzene derivatives.

1.



2.



3.

