

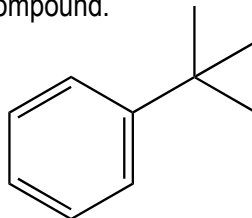
## CONCEPT: NAMING BENZENE

### Monosubstituted Benzene

- A compound where benzene is the \_\_\_\_\_ chain with only \_\_\_\_ **substituent**.
  - This is the simplest benzene to name; location of substituent is not necessary.

substituent-benzene

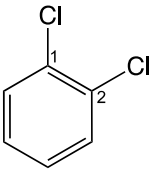
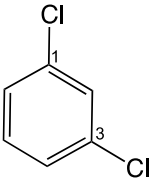
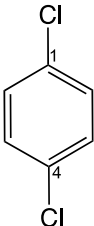
**EXAMPLE:** Give a systematic name of the following compound.



### Disubstituted Benzene

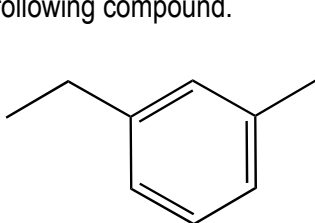
- A compound where benzene is the \_\_\_\_\_ chain with \_\_\_\_ **substituents**.
  - **Substituents** are numbered in alphabetical order.

location-substituent-benzene

Disubstituted Benzene		
ortho-	meta-	para-
		
_____-dichlorobenzene 1,2-dichlorobenzene	_____-dichlorobenzene 1,3-dichlorobenzene	_____-dichlorobenzene 1,4-dichlorobenzene

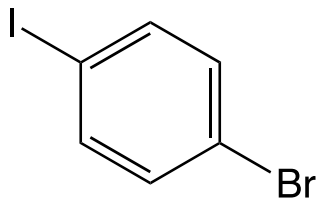
**MEMORY TOOL:** Order More Pizza.

**EXAMPLE:** Give a systematic name of the following compound.



**CONCEPT: NAMING BENZENE**

**PRACTICE:** Determine the systematic name of the molecule.



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