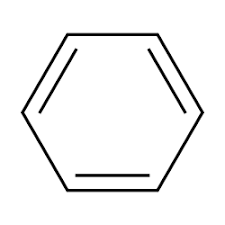
**Review Sheet: Naming Aromatics**

5

X

1. Which position(s) is/are para to X?

3

4

1

2

1. Name the following. Use common names when appropriate.

|  |  |  |
| --- | --- | --- |
| Image result for acetophenone | Image result for styrene | Image result for aniline |
| Image result for benzenesulfonic acid | Image result for benzoic acid | Image result for toluene |
| Image result for nitrobenzene | Image result for phenol | Image result for iodobenzene |
| Image result for 1-propyl-6-iodonapthalene | Image result for 1-propyl-6-iodonapthalene | Image result for 1,3-diphenylbenzene |

1. Name the following at least 2 different ways.

|  |  |  |
| --- | --- | --- |
| Image result for m-xylene | Image result for m-nitrotoluene | Image result for p-aminophenol |
| Image result for o-bromobenzoic acid | Image result for p-butyltoluene | Image result for p-benzyltoluene |

1. Draw the following molecules.

|  |  |  |
| --- | --- | --- |
| o-iodostyrene | m-ethylbenzenesulfonic acid | 1,2,4-tribromobenzene |
| 2-chloro-6-ethylphenol | 2-bromo-5-ethylacetophenone | 3-phenylhexane |
| 6-bromo-5-phenyl-2-hexene | 2-bromo-3-phenylbutane | benzylbromide |
| o-diphenylbenzene | 1-fluoro-2-phenylpropane | 2,5-difluoro-3-nitroaniline |

1. Which of the following represents more than one compound? Why?
   1. o-iodostyrene
   2. iodostyrene
   3. 3,5-diiodostyrene
   4. m-iodostyrene
2. Which of the following represents more than one compound? Why?
   1. o-bromobenzoic acid
   2. benzenesulfonic acid
   3. chloroethylbenzene
   4. 2-nitro-4-propyltoluene
3. What is the abbreviation of Ph- used to denote?