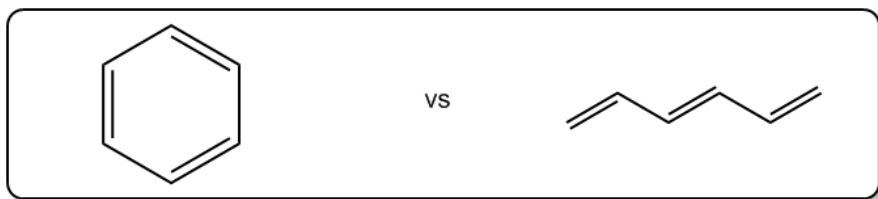


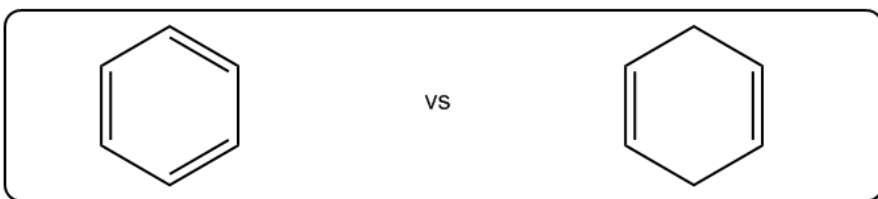
CONCEPT: FOUR TESTS OF AROMATICITY

For a compound to qualify as *aromatic*, it must meet *4 distinct tests*. These are called **Huckel's Rule** compounds.

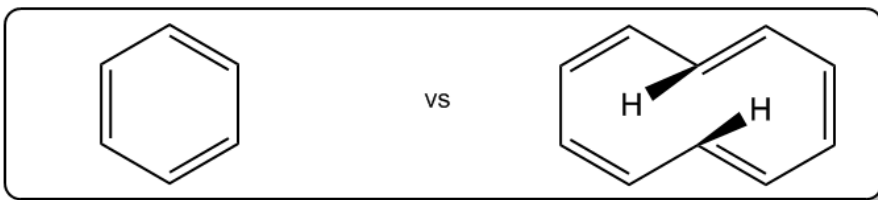
1. Cyclic:



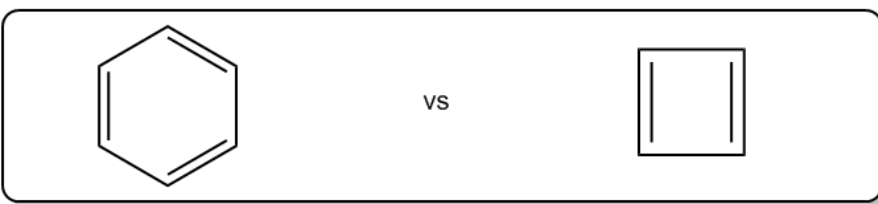
2. Fully Conjugated:



3. Planar:



4. Huckel's Rule: $(4n + 2)$ number of π electrons



- Any compound that _____ *one or more* of these tests is considered _____
- Any compound that meets all these conditions, but only has $(4n)$ π electrons is _____

☐ These compounds are said to follow **Breslow's Rule**