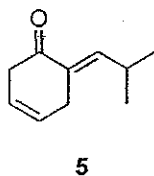
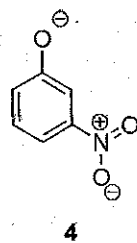
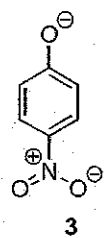
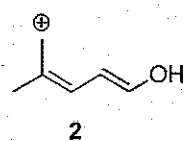
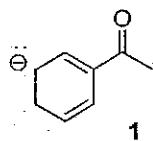
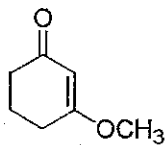


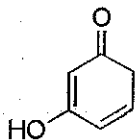
Resonance practice problems 2

For each of the chemical species shown, provide at least two additional resonance contributors. Show the conversion of each structure to the next using curved arrow notation. Include all lone pairs and formal charges. **Not all lone pairs are shown, but all non-zero formal charges are included.**

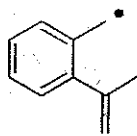




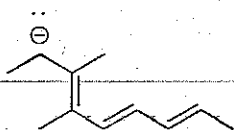
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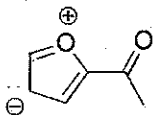
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