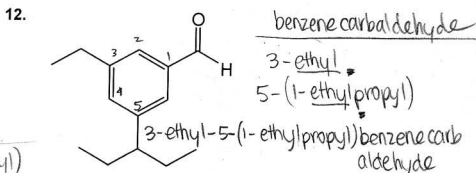
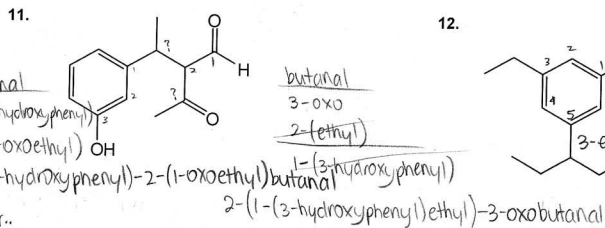
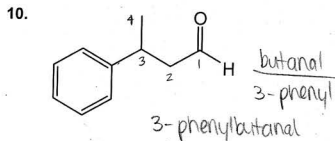
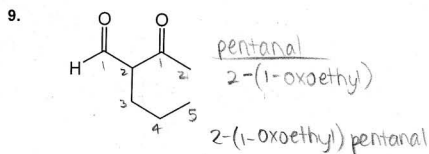
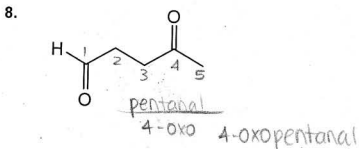
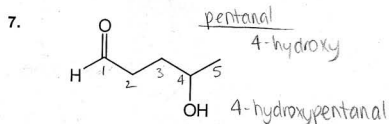
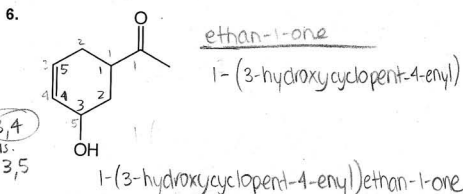
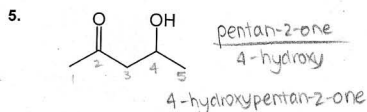
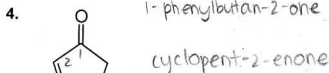
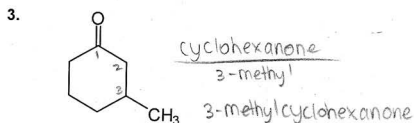
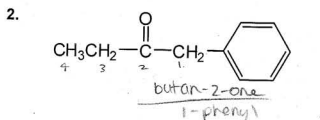
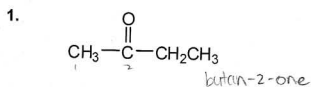


Chapter 18 Worksheet 01

**Nomenclature:** Give an acceptable IUPAC name for each of the following compounds. Be sure to indicate the stereochemistry where appropriate.



13.

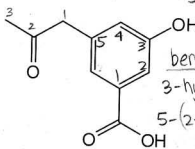


cyclohex-5-ene carbaldehyde

2-(3-oxobutyl)

2-(3-oxobutyl)cyclohex-5-ene carbaldehyde

15.



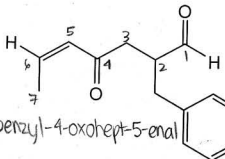
benzoic acid

3-hydroxy

5-(2-oxopropyl)

3-hydroxy-5-(2-oxopropyl)benzoic acid

17.



hept-5-enal

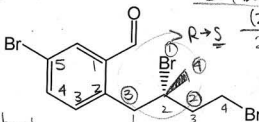
cis

4-oxo

2-benzyl

cis-2-benzyl-4-oxohept-5-enal

14.



benzenecarbaldehyde

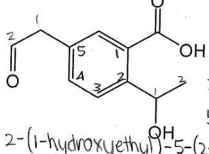
2-(butyl), 5-bromo

(2S)

2,4-dibromo

5-bromo-2-(2S)-2,4-dibromobutyl)benzenecarbaldehyde

16.



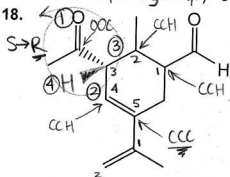
benzoic acid

2-(1-hydroxyethyl)

5-(2-oxoethyl)

5-(2-oxoethyl)benzoic acid

18.



cyclohex-1-ene carbaldehyde

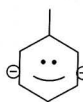
(3R)

2-methyl

3-(1-oxoethyl)

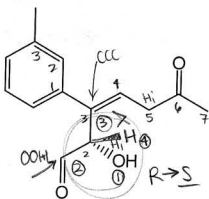
5-(1-methylethenyl)

20.



1-bored bastard cyclohexane

19.



hept-3-enal

(3Z) (2S)

2-hydroxy

6-oxo

3-(3-methylphenyl)

(3R)-2-methyl-5-(1-methylethenyl)-3-(1-oxoethyl)cyclohex-1-ene carbaldehyde

(2S, 3Z)-2-hydroxy-3-(3-methylphenyl)-6-oxohept-3-enal