## Identify the following compounds, using standard IUPAC rules.

1.  $[Mo(CN)_8]^{-4}$  Octacyanomolybdenate (IV) anion

2.  $[PtCl_3(C_2H_4)]^-$  Trichloroethylplatinate (II) anion

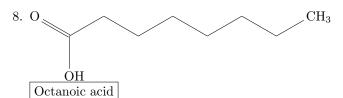
3. H<sub>3</sub>C Dimethyl sulfone OR Methylsulfonylmethyl (MSM)

4. Formic acid OR Methanoic acid
HO O

5.  $H_2C = CH_2$  Ethene

6. F Tetrafluoromethane OR Carbon tetrafluoride F F

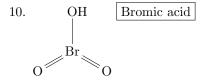
7. Diethyl ether OR Ethoxyethane



9. HO OH

OH

Glucose



HO OH OH OH OH OH

Tartaric acid OR Dihydroxybutanedioic acid

Benzene

14.

16. Trans-butene

17. 
$$H_2C$$
 CH<sub>2</sub> Ethylene oxide

18. Cyclohexane

19. 
$$H_3C$$
 S  $CH_3$  Dimethyl disulfide

