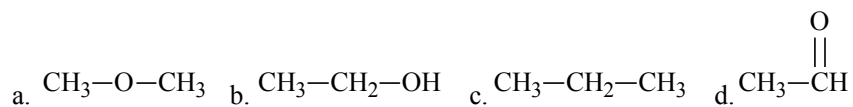


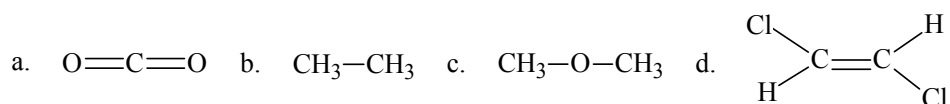
Organic Chemistry I
Problem Set 2
Organic Compounds and Physical Properties

1. Which of these has the highest boiling point?

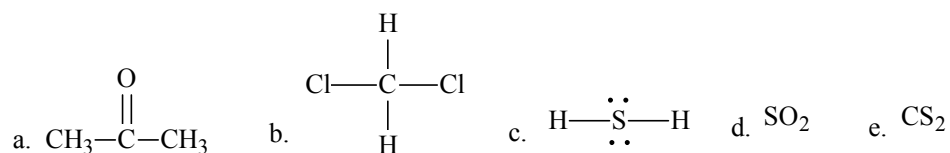


2. Which of the above has the lowest boiling point?

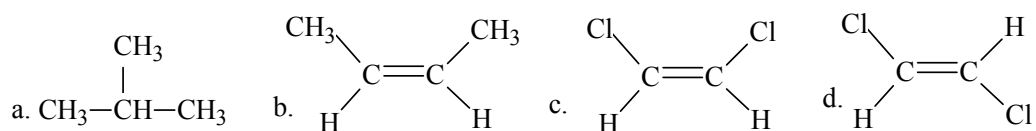
3. Which of these has the greatest dipole moment?



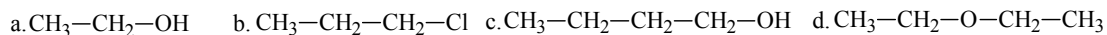
4. Pick the compound that is not polar.



5. Which of these boils at the highest temperature?

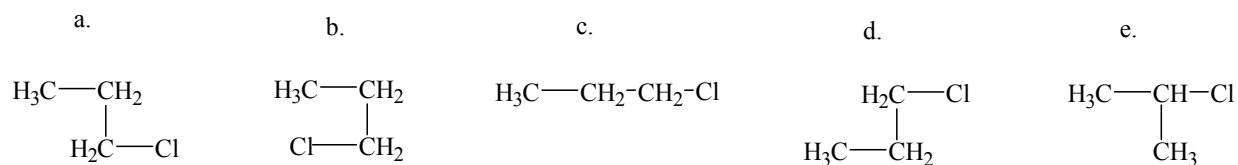


6. Which of the following is most soluble in water?



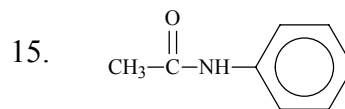
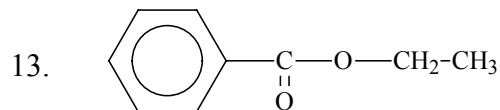
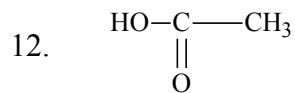
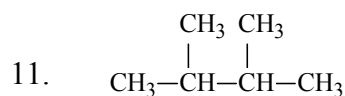
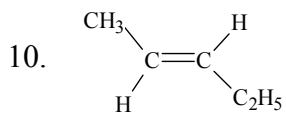
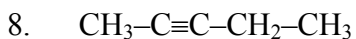
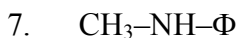
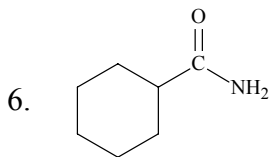
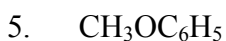
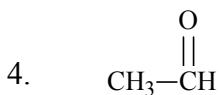
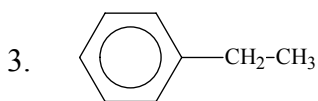
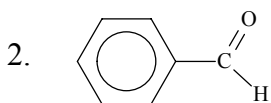
7. Which of the above is least soluble in water?

8. Which is isopropyl chloride?

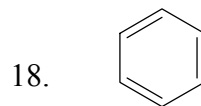
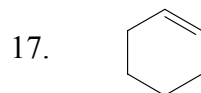
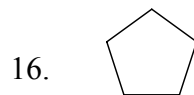


Classify each of the following as:

- alkane
- alkene
- alkyne
- aromatic hydrocarbon
- alkyl halide
- alcohol
- ether
- amine
- ketone
- aldehyde
- carboxylic acid
- ester
- amide



Write a family name



Name These

