

WS 10.7 Organic Nomenclature, part 2

| Name | Complete structural formula | Line formula | Condensed structural formula |
|------------------------------|--|--------------|--|
| 1) 3-fluoro,1-butene | $\begin{array}{cccc} & & \text{F} & \\ & & & \\ - & \text{C} = & \text{C} - & \text{C} - & \text{C} - \\ & & & & \\ & & & & \end{array}$ | | CH ₂ =CHCHFCH ₃ |
| 2) 2-heptene | | | |
| 3) 2,3-difluoro-1-pentene | | | |
| 4) 6-iodo,4-methyl-2-decyne | | | |
| 5) 4,4-dibromo-1,2-butandiol | | | |
| 6) | $\begin{array}{ccccccc} & \text{F} & \text{Cl} & & & & \\ & & & & & & \\ - & \text{C} - & \text{C} - & \text{C} = & \text{C} - & \text{C} - & \text{C} - \\ & & & & & & \end{array}$ | | |
| 7) | $\begin{array}{ccc} \text{Br} & \text{Br} & \\ & & \\ - & \text{C} = & \text{C} - & \text{Br} \end{array}$ | | |
| 8) | $\begin{array}{ccc} & & \\ - & \text{C} \equiv & \text{C} - & \text{C} - & \text{C} - \\ & & & & \end{array}$ | | |
| 9) | | | |
| 10) | | | |
| 11) | | | |
| 12) | | | |
| 13) | | | CH ₃ CHFCHFC≡CH |
| 14) | | | C(OH)Br ₂ CHF(CH ₂) ₄ CH ₂ CH ₃ |
| 15) | | | CH ₃ (CH ₂) ₃ CH=CH(CH ₂) ₂ CH ₃ |