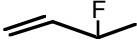

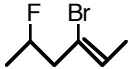
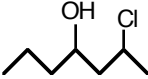



## WS 10.6 Organic Nomenclature, part 2

| 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 <sub>2</sub> =CHCHFCH <sub>3</sub>  |
| 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} - & \\  &   &   & &   &   & \\  & & & & & &   \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 <sub>3</sub> CHFCHFC≡CH   |
| 14)                          |   |   | C(OH)Br <sub>2</sub> CHF(CH <sub>2</sub> ) <sub>5</sub> CH <sub>3</sub>                              |
| 15)                          |   |   | CH <sub>3</sub> (CH <sub>2</sub> ) <sub>3</sub> CH=CH(CH <sub>2</sub> ) <sub>2</sub> CH <sub>3</sub> |