

**+WS 12.6 Organic Nomenclature, part 2**

(solutions on website)

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>