Here are a few naming problems from chapter 5 Key

$$HO$$
 OH $(E)-4$ -chloro-2-fluoro-3-methylhe x-3-ene (E) -10-isoprop ylcyclodec-2-ene-1,6-diol

$$(Z)\text{-}3\text{-}bromo\text{-}6\text{-}chlorocyclohe} \times 1\text{-}ene$$

$$Br$$

$$CI$$

$$(E)\text{-}1\text{-}chloro\text{-}6\text{-}ethyl\text{-}4\text{-}isobutyl\text{-}8\text{-}}$$

$$(Z)\text{-}4\text{-}ethyl\text{-}3\text{-}isoprop} \text{yl-}6\text{-}methylhept\text{-}3\text{-}en\text{-}1\text{-}ol}$$