Figure 3.6 A Three-Input OR Gate Representing $x + y + z$
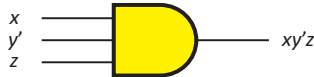

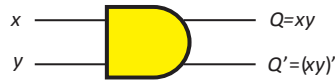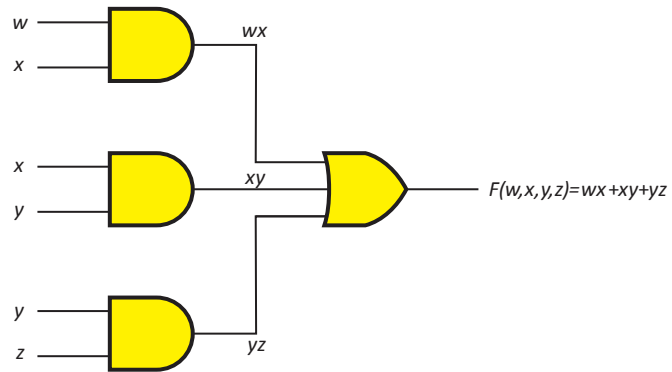**Figure 3.7** A Three-Input AND Gate Representing $xy'z$

Figure 3.8 AND Gate with Two Inputs and Two Outpus

In-class Exercise: Draw the logic diagram for the Boolean function $F(w, x, y, z) = wx + xy + yz$.

$$F(w, x, y, z) = wx + xy + yz$$