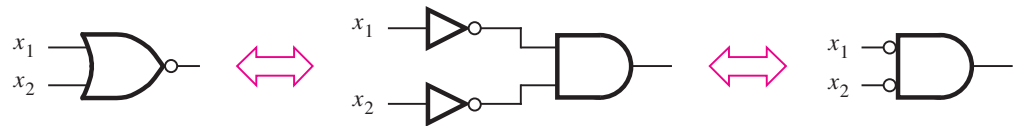


(a) $\overline{x_1 x_2} = \bar{x}_1 + \bar{x}_2$



(b) $\overline{\bar{x}_1 + \bar{x}_2} = \bar{x}_1 \bar{x}_2$

Figure 2.26 DeMorgan's theorem in terms of logic gates.