(c) The Karnaugh maps for outputs a and e.

Figure 2.63   Using don't-care minterms when displaying BCD numbers.

$$a = \bar{x}_2\bar{x}_0 + x_1 + x_2x_0 + x_3$$

$$e = \bar{x}_2\bar{x}_0 + x_1\bar{x}_0$$