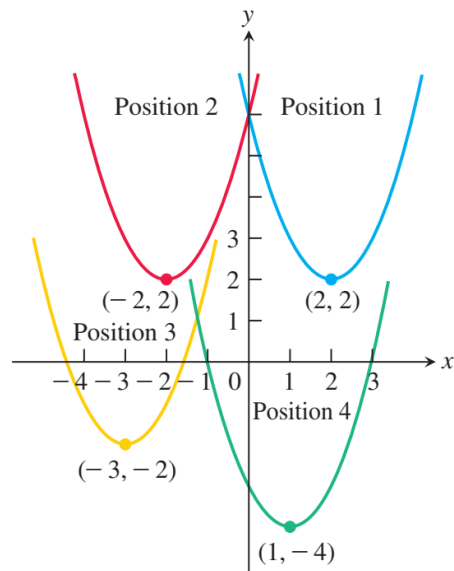## Exercise 25

Match the equations listed in parts (a)–(d) to the graphs in the accompanying figure.

a. $y = (x-1)^2 - 4$ **b.** $y = (x-2)^2 + 2$

c. $y = (x+2)^2 + 2$ **d.** $y = (x+3)^2 - 2$

Solution

The graphs are marked below.