

15 (a) The graph of $y = f(x) + 2$ has the same shape as the graph of f except that it is translated up two units. See *Figure 15a*.

(b) The graph of $y = f(x + 3)$ is translated left three units. See *Figure 15b*.

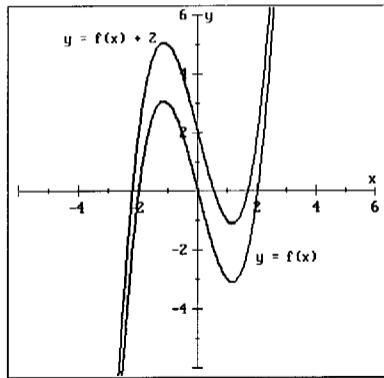


Figure 15a

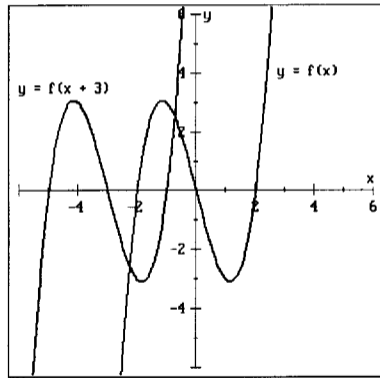


Figure 15b