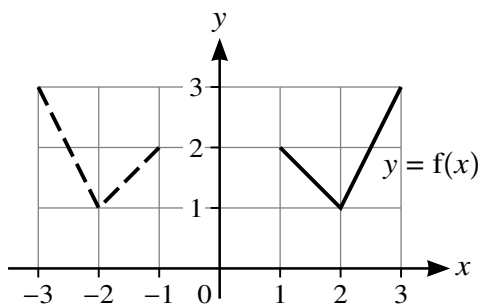


- 3 In each of parts (a), (b) and (c), the graph shown with solid lines has equation $y = f(x)$. The graph shown with broken lines is a transformation of $y = f(x)$.

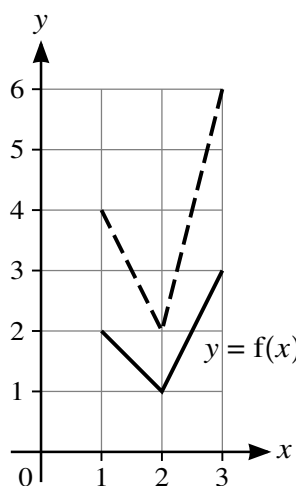
(a)



State, in terms of f , the equation of the graph shown with broken lines.

[1]

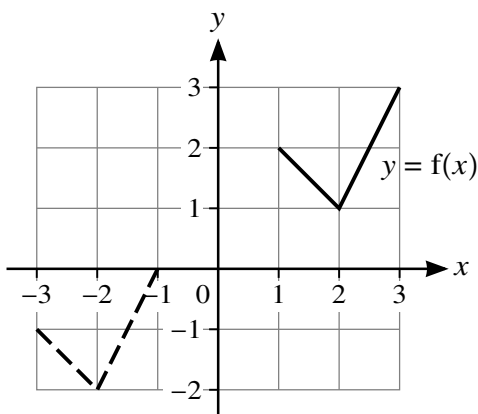
(b)



State, in terms of f , the equation of the graph shown with broken lines.

[1]

(c)



State, in terms of f , the equation of the graph shown with broken lines.

[2]