

You-Try!

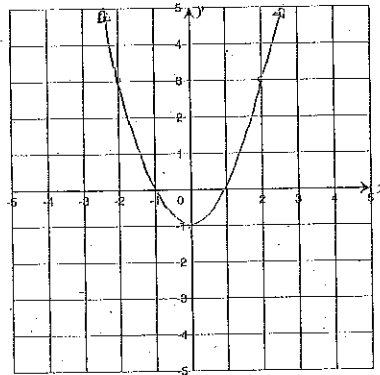
Find the average rate of change for the following functions over the given interval. What does the average rate of change tell you about the function on the interval?

a)

x	0	1	2	3	4
$f(x)$	3	6	12	24	48

From $x=0$ to $x=3$

b)



From $x=-1$ to $x=1$

c) $f(x) = x^2 - 4$ from $x = -4$ to $x = -1$