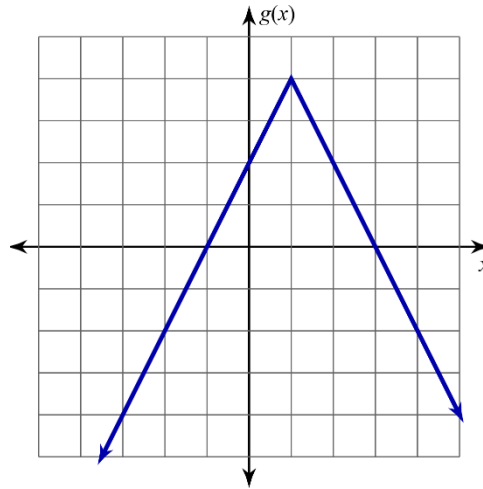


## USING FUNCTION NOTATION

Use the functions below to answer the following questions.

$$f(x) = 2x(x - 3)$$



$$h(x) = (x^2 + 3x - 1) - (2x + 7)$$

- 1) Simplify  $f(x)$ .
- 2) Write  $f(4)$  as an ordered pair.
- 3) Evaluate  $g(0)$ .
- 4) Find  $x$  when  $g(x) = 4$ .
- 5) Evaluate  $h(-1)$ .
- 6) Find the value of  $g(0) + h(-1)$ .