

FUNCTION NOTATION

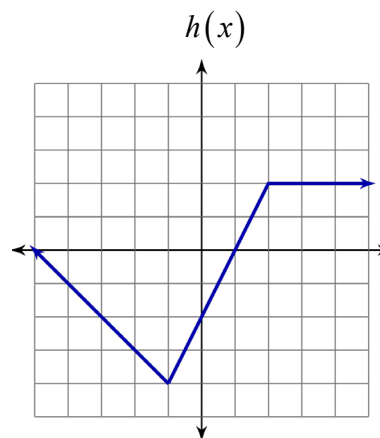
Evaluating Functions

Use the given information below to evaluate each function.

Given

$$f(x) = \frac{3x+5}{2x-1}$$

x	$g(x)$
-2	0
-1	5
0	-1
1	-7
2	4



Evaluate

1) $f(-2) =$

3) $h(0) =$

2) $g(-1) =$

4) $g(-1) + h(0) =$

Performing Operations

Use the given information below to find each of the following new functions.

Given

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

$$g(x) = 2x^2 + x - 3$$

$$h(x) = \sqrt{x} + 4$$

5) $f(x) + g(x) =$

7) $f(x) \cdot h(x) =$

6) $h(x) - g(x) =$

8) $\frac{g(x)}{f(x)} =$