



## Function Notation

**Evaluate each function.**

1)  $f(x) = 4x - 7$ , Find:  $f(5)$

2)  $y(x) = 3x^2 + 2x + 1$ , Find:  $y(2)$

3)  $g(t) = 2t - 4$ , Find:  $g(3)$

4)  $h(u) = u^2 - 5$ , Find:  $h(2)$

5)  $f(x) = 10x + 5$ , Find:  $f(-1)$

6)  $y(x) = x^3 - 5x$ , Find:  $y(3)$

7)  $g(t) = 4t^2 - 4t$ , Find:  $g(1)$

8)  $h(x) = 5(x - 3)$ , Find:  $h(2)$

9)  $y(x) = 2x^2 + 2x + 1$ , Find:  $y(1)$

10)  $f(x) = 4x - 6$ , Find:  $f(10)$

11)  $h(z) = z^3$ , Find:  $h(-2)$

12)  $m(u) = 10u - u^2$ , Find:  $m(2)$

13)  $f(x) = 10x - 9$ , Find:  $f(4)$

14)  $h(x) = 4x^2 - 5x + 1$ , Find:  $h(2)$



QUIZ ?

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## Function Notation

# Answers

**Evaluate each function.**

1)  $f(x) = 4x - 7$ , Find:  $f(5)$   
 $f(5) = 13$

2)  $y(x) = 3x^2 + 2x + 1$ , Find:  $y(2)$   
 $y(2) = 17$

3)  $g(t) = 2t - 4$ , Find:  $g(3)$   
 $g(3) = 2$

4)  $h(u) = u^2 - 5$ , Find:  $h(2)$   
 $h(2) = -1$

5)  $f(x) = 10x + 5$ , Find:  $f(-1)$   
 $f(-1) = -5$

6)  $y(x) = x^3 - 5x$ , Find:  $y(3)$   
 $y(3) = 12$

7)  $g(t) = 4t^2 - 4t$ , Find:  $g(1)$   
 $g(1) = 0$

8)  $h(x) = 5(x - 3)$ , Find:  $h(2)$   
 $h(2) = -5$

9)  $y(x) = 2x^2 + 2x + 1$ , Find:  $y(1)$   
 $y(1) = 5$

10)  $f(x) = 4x - 6$ , Find:  $f(10)$   
 $f(10) = 34$

11)  $h(z) = z^3$ , Find:  $h(-2)$   
 $h(-2) = -8$

12)  $m(u) = 10u - u^2$ , Find:  $m(2)$   
 $m(2) = 16$

13)  $f(x) = 10x - 9$ , Find:  $f(4)$   
 $f(4) = 31$

14)  $h(x) = 4x^2 - 5x + 1$ , Find:  $h(2)$   
 $h(2) = 7$



QUIZ ?

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