

## Function Notation



Evaluate each function.



1)  $h(x) = 3x^2 + 5$ , find  $h(5)$

2)  $h(x) = 3x^2 - x + 3$ , find  $h(9)$

3)  $m(u) = 5u^2 + u + 7$ , find  $m(6)$

4)  $h(x) = 8x^2 + 2$ , find  $h(1)$

5)  $f(x) = 11x^2 - x + 2$ , find  $f(4)$

6)  $f(x) = 11x^2 + 4$ , find  $f(1)$

7)  $g(t) = 2t^2 - t + 2$ , find  $g(2)$

8)  $h(x) = 8x^2 + x + 3$ , find  $h(8)$

9)  $m(u) = 10u^2 + 2$ , find  $m(6)$

10)  $h(x) = 3x^2 + x + 4$ , find  $h(1)$

11)  $g(t) = 7t^2 + 1$ , find  $g(1)$

12)  $m(u) = 10u^2 - u + 8$ , find  $m(6)$

13)  $p(s) = 4s + 2$ , find  $p(8)$

14)  $f(x) = 6x^2 - x + 8$ , find  $f(7)$

15)  $p(s) = 9s + 8$ , find  $p(3)$

16)  $g(t) = 7t^2 - t + 6$ , find  $g(2)$

17)  $g(t) = 7t^2 + t + 7$ , find  $g(6)$

18)  $f(x) = 6x + 7$ , find  $f(8)$

19)  $g(t) = 2t^2 + t + 4$ , find  $g(2)$

20)  $p(s) = 4s^2 - s + 9$ , find  $p(9)$

21)  $m(u) = 5u + 3$ , find  $m(2)$

22)  $p(s) = 9s^2 + s + 2$ , find  $p(3)$

## Answers of Function Notation



Evaluate each function.

$$1) \ h(x) = 3x^2 + 5, \text{ find } h(5)$$
$$\Rightarrow h(5) = 80$$

$$3) \ m(u) = 5u^2 + u + 7, \text{ find } m(6)$$
$$\Rightarrow m(6) = 193$$

$$5) \ f(x) = 11x^2 - x + 2, \text{ find } f(4)$$
$$\Rightarrow f(4) = 174$$

$$7) \ g(t) = 2t^2 - t + 2, \text{ find } g(2)$$
$$\Rightarrow g(2) = 8$$

$$9) \ m(u) = 10u^2 + 2, \text{ find } m(6)$$
$$\Rightarrow m(6) = 362$$

$$11) \ g(t) = 7t^2 + 1, \text{ find } g(1)$$
$$\Rightarrow g(1) = 8$$

$$13) \ p(s) = 4s + 2, \text{ find } p(8)$$
$$\Rightarrow p(8) = 34$$

$$15) \ p(s) = 9s + 8, \text{ find } p(3)$$
$$\Rightarrow p(3) = 35$$

$$17) \ g(t) = 7t^2 + t + 7, \text{ find } g(6)$$
$$\Rightarrow g(6) = 265$$

$$19) \ g(t) = 2t^2 + t + 4, \text{ find } g(2)$$
$$\Rightarrow g(2) = 14$$

$$21) \ m(u) = 5u + 3, \text{ find } m(2)$$
$$\Rightarrow m(2) = 13$$

$$2) \ h(x) = 3x^2 - x + 3, \text{ find } h(9)$$
$$\Rightarrow h(9) = 237$$

$$4) \ h(x) = 8x^2 + 2, \text{ find } h(1)$$
$$\Rightarrow h(1) = 10$$

$$6) \ f(x) = 11x^2 + 4, \text{ find } f(1)$$
$$\Rightarrow f(1) = 15$$

$$8) \ h(x) = 8x^2 + x + 3, \text{ find } h(8)$$
$$\Rightarrow h(8) = 523$$

$$10) \ h(x) = 3x^2 + x + 4, \text{ find } h(1)$$
$$\Rightarrow h(1) = 8$$

$$12) \ m(u) = 10u^2 - u + 8, \text{ find } m(6)$$
$$\Rightarrow m(6) = 362$$

$$14) \ f(x) = 6x^2 - x + 8, \text{ find } f(7)$$
$$\Rightarrow f(7) = 295$$

$$16) \ g(t) = 7t^2 - t + 6, \text{ find } g(2)$$
$$\Rightarrow g(2) = 32$$

$$18) \ f(x) = 6x + 7, \text{ find } f(8)$$
$$\Rightarrow f(8) = 55$$

$$20) \ p(s) = 4s^2 - s + 9, \text{ find } p(9)$$
$$\Rightarrow p(9) = 324$$

$$22) \ p(s) = 9s^2 + s + 2, \text{ find } p(3)$$
$$\Rightarrow p(3) = 86$$