

# Function Notation



Evaluate each function.

1)  $m(u) = 5u^2 + 2$ , find  $m(2)$

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

3)  $h(x) = 8x + 5$ , find  $h(7)$

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

5)  $g(t) = 2t + 7$ , find  $g(8)$

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

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

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

9)  $f(x) = 6x^2 + 3$ , find  $f(5)$

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

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

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

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

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

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

16)  $g(t) = 2t^2 + 3$ , find  $g(9)$

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

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

19)  $p(s) = 4s^2 + s + 8$ , find  $p(9)$

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

21)  $f(x) = 6x^2 + x + 2$ , find  $f(2)$

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

23)  $m(u) = 10u + 2$ , find  $m(3)$

24)  $m(u) = 5u^2 - u + 3$ , find  $m(2)$

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

26)  $g(t) = 7t + 4$ , find  $g(3)$

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

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

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

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

# Answers of Function Notation



Evaluate each function.

1)  $m(u) = 5u^2 + 2$ , find  $m(2)$   
 $\Rightarrow m(2) = 22$

3)  $h(x) = 8x + 5$ , find  $h(7)$   
 $\Rightarrow h(7) = 61$

5)  $g(t) = 2t + 7$ , find  $g(8)$   
 $\Rightarrow g(8) = 23$

7)  $m(u) = 10u^2 - u + 8$ , find  $m(6)$   
 $\Rightarrow m(6) = 362$

9)  $f(x) = 6x^2 + 3$ , find  $f(5)$   
 $\Rightarrow f(5) = 153$

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

13)  $m(u) = 10u^2 + u + 9$ , find  $m(2)$   
 $\Rightarrow m(2) = 51$

15)  $p(s) = 4s + 2$ , find  $p(8)$   
 $\Rightarrow p(8) = 34$

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

19)  $p(s) = 4s^2 + s + 8$ , find  $p(9)$   
 $\Rightarrow p(9) = 341$

21)  $f(x) = 6x^2 + x + 2$ , find  $f(2)$   
 $\Rightarrow f(2) = 28$

23)  $m(u) = 10u + 2$ , find  $m(3)$   
 $\Rightarrow m(3) = 32$

25)  $p(s) = 9s^2 + s + 2$ , find  $p(3)$   
 $\Rightarrow p(3) = 86$

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

29)  $f(x) = 11x^2 + x + 1$ , find  $f(6)$   
 $\Rightarrow f(6) = 403$

2)  $f(x) = 11x + 5$ , find  $f(5)$   
 $\Rightarrow f(5) = 60$

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

6)  $h(x) = 3x + 2$ , find  $h(1)$   
 $\Rightarrow h(1) = 5$

8)  $f(x) = 11x^2 + 4$ , find  $f(1)$   
 $\Rightarrow f(1) = 15$

10)  $f(x) = 6x^2 - x + 8$ , find  $f(7)$   
 $\Rightarrow f(7) = 295$

12)  $h(x) = 3x^2 + 5$ , find  $h(5)$   
 $\Rightarrow h(5) = 80$

14)  $g(t) = 2t^2 - t + 2$ , find  $g(2)$   
 $\Rightarrow g(2) = 8$

16)  $g(t) = 2t^2 + 3$ , find  $g(9)$   
 $\Rightarrow g(9) = 165$

18)  $m(u) = 10u^2 + 2$ , find  $m(6)$   
 $\Rightarrow m(6) = 362$

20)  $g(t) = 7t^2 - t + 6$ , find  $g(2)$   
 $\Rightarrow g(2) = 32$

22)  $h(x) = 8x^2 + 2$ , find  $h(1)$   
 $\Rightarrow h(1) = 10$

24)  $m(u) = 5u^2 - u + 3$ , find  $m(2)$   
 $\Rightarrow m(2) = 21$

26)  $g(t) = 7t + 4$ , find  $g(3)$   
 $\Rightarrow g(3) = 25$

28)  $m(u) = 5u + 3$ , find  $m(2)$   
 $\Rightarrow m(2) = 13$

30)  $p(s) = 4s^2 - s + 9$ , find  $p(9)$   
 $\Rightarrow p(9) = 324$