

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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