

Function Tables | Quadratic Functions

A) Complete each function table.

1) $f(x) = x^2 + 5x$

x	$f(x)$
-2	
-1	
0	
1	
2	

2) $f(x) = x(x - 4)$

x	$f(x)$
-5	
-4	
3	
4	
5	

3) $f(x) = 10 - 2x^2$

x	$f(x)$
-7	
-5	
-3	
2	
1	

B) Complete the function table using the function rule $f(x) = -4x^2 + 1$, and answer the following questions.

x	-3	-1	0	2	5
$f(x)$					

i) What is the value of $f(-2)$?

ii) What is the value of $f(x)$ if x is 4?

iii) What is the value of $f(3)$?

iv) What is the value of $f(x)$ if x is -5?
