

Function Table - Quadratic Function

A) Complete each function table.

1) $f(x) = 12 - 3x^2$

x	$f(x)$
-8	
-5	
0	
1	
2	

2) $f(x) = 6x^2 + 5x - 1$

x	$f(x)$
-4	
0	
6	

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

x	$f(x)$
-9	
-7	
-3	
4	
5	

B) Complete the function table for $f(x) = 2x^2$ and answer the following questions

x	
$f(x)$	

Complete the function table for $f(x) = 2x^2$ and answer the

1	2

i) What is the value of $f(1)$?

ii) What is the value of $f(-8)$?

PREVIEW

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C) Complete the function table for $f(x) = x^2 + 12$

$f(x)$	$(x - 13)(x + 1)$	$x^2 + 12$	$3x^2 + 5x - 8$
$f(-6)$			
$f(-3)$			
$f(-1)$			

Function Table - Quadratic Function

A) Complete each function table.

1) $f(x) = 12 - 3x^2$

x	$f(x)$
-8	-180
-5	-63
0	12
1	9
2	0

2) $f(x) = 6x^2 + 5x - 1$

x	$f(x)$
-4	75
0	-1
6	245

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

x	$f(x)$
-9	126
-7	84
-3	24
4	-4
5	0

B) Complete the function table for $f(x) = 2x^2 - 16x + 10$ and answer the following questions

x	
$f(x)$	

i) What is the value of $f(-8)$?

-160

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Complete the function table for $f(x) = 2x^2 - 16x + 10$ and answer the following questions

1	2
10	-40

ii) What is the value of $f(-8)$?

C) Complete the function table for the following quadratic functions

$f(x)$	$(x - 13)(x + 1)$	$x^2 + 12$	$3x^2 + 5x - 8$
$f(-6)$	95	48	70
$f(-3)$	32	21	4
$f(-1)$	0	13	-10