

Function Table - Quadratic Function

A) Complete each function table.

1) $f(x) = -x^2 + 1.1x + 6.8$

x	f(x)
-9	
-8	
0	
2	
3.6	

2) $f(x) = 2.4x^2 + 9.7$

x	f(x)
-7	
-6	
-4	

3) $f(x) = (x + 1.3)(x - 5)$

x	f(x)
0	
4	
5	
8	
9	

B) Complete the function table for the following question.

x	
f(x)	

i) What is the value of $f(x)$ when $x = \frac{9}{5}$?

PREVIEW

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and answer the following question.

$\frac{9}{5}$	3

What is the value of $f(x)$, if x is $-\frac{3}{4}$?

C) Complete the function table for the following functions.

f(x)	$\frac{1}{3}x^2 + 2$	$x^2 - \frac{6}{5}$	$-2x^2 - 2.5x + 13$
f(-3)			
f(0)			
f(6)			

Function Table - Quadratic Function

A) Complete each function table.

1) $f(x) = -x^2 + 1.1x + 6.8$

x	$f(x)$
-9	-84.1
-8	-66
0	6.8
2	5
3.6	-2.2

2) $f(x) = 2.4x^2 + 9.7$

x	$f(x)$
-7	127.3
-6	96.1
-4	48.1

3) $f(x) = (x + 1.3)(x - 5)$

x	$f(x)$
0	-6.5
4	-5.3
5	0
8	27.9
9	41.2

B) Complete the function table for the following question.

x	$f(x)$

i) What is the value of $f(x)$ if $x = \frac{9}{5}$?**25**

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and answer the following question.

$\frac{9}{5}$	3
$\frac{36}{25}$	4

What is the value of $f(x)$, if x is $-\frac{3}{4}$?

C) Complete the function table for the following functions.

$f(x)$	$\frac{1}{3}x^2 + 2$	$x^2 - \frac{6}{5}$	$-2x^2 - 2.5x + 13$
$f(-3)$	5	$\frac{39}{5}$	2.5
$f(0)$	2	$-\frac{6}{5}$	13
$f(6)$	14	$\frac{174}{5}$	-74