

Name : _____

L2ES1

Function Table - Linear Function

A) Complete each function table.

1) $f(x) = -2x + 9$

x	$f(x)$
-9	
	11
0	
	1
10	

2) $f(x) = x - 14$

x	$f(x)$
	-24
-7	
	-20
-3	
	-16

3) $f(x) = 1 + 6x$

x	$f(x)$
1	
2	
	31
	37
8	

B) Complete the function table using the function rule $f(x) = -7 - 5x$ and answer the following questions.

x	-8		3	7	
$f(x)$		-7			-52

i) What is the value of $f(x)$, if x is -4?

ii) What is the value of x , if $f(x) = 43$?

C) Complete the function table.

$f(x)$	-7x	-5 + 3x	10x + 11
	35		
		-5	
			71

Function Table - Linear Function

A) Complete each function table.

1) $f(x) = -2x + 9$

x	$f(x)$
-9	27
-1	11
0	9
4	1
10	-11

2) $f(x) = x - 14$

x	$f(x)$
-10	-24
-7	-21
-6	-20
-3	-17
-2	-16

3) $f(x) = 1 + 6x$

x	$f(x)$
1	7
2	13
5	31
6	37
8	49

B) Complete the function table using the function rule $f(x) = -7 - 5x$ and answer the following questions.

x	-8	0	3	7	9
$f(x)$	33	-7	-22	-42	-52

i) What is the value of $f(x)$, if x is -4? **13** ii) What is the value of x , if $f(x) = 43$? **-10**

C) Complete the function table.

$f(x)$	$-7x$	$-5 + 3x$	$10x + 11$
$f(-5)$	35	-20	-39
$f(0)$	0	-5	11
$f(6)$	-42	13	71