

Function Tables | Linear Functions

Answer Key

A) Complete each function table.

1) $f(x) = 13 + x$

x	$f(x)$
-3	10
-2	11
-1	12
4	17
9	22

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

x	$f(x)$
-2	20
0	2
3	-25
4	-34
7	-61

3) $f(x) = -5x - 14$

x	$f(x)$
2	-24
3	-29
6	-44
8	-54
10	-64

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

x	-7	-6	-5	-4	-2
$f(x)$	28	24	20	16	8

i) What is the value of $f(x)$ if x is 3?

 -12

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

 -16

iii) What is the value of $f(0)$?

 0

iv) What is the value of $f(x)$ if x is 1?

 -4