

## Function Table - Linear Function

A) Complete each function table.

1)  $f(x) = x + 12$

$x$	$f(x)$
-2	
3	
6	
	19
	21

2)  $f(x) = 2 - 7x$

$x$	$f(x)$
-5	
	9
0	

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

$x$	$f(x)$
	81
	72
	27
4	
5	

B) Complete the function table for  $f(x) = 2x + 3$  and answer the following questions

$x$	
$f(x)$	

i) What is the value of  $x$  if  $f(x) = 15$ ?

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Complete the function table for  $f(x) = 2x + 3$  and answer the following questions

-2	0

ii) What is the value of  $x$ , if  $f(x) = -7$ ?

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C) Complete the function table for  $f(x) = 2x + 3$

$f(x)$	-1 + 2x	-x - 10	4x - 5
		-10	
			15
	15		

## Function Table - Linear Function

A) Complete each function table.

1)  $f(x) = x + 12$

$x$	$f(x)$
-2	<b>10</b>
3	<b>15</b>
6	<b>18</b>
<b>7</b>	19
<b>9</b>	21

2)  $f(x) = 2 - 7x$

$x$	$f(x)$
-5	<b>37</b>
<b>-1</b>	9
0	<b>2</b>

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

$x$	$f(x)$
<b>-9</b>	81
<b>-8</b>	72
<b>-3</b>	27
4	<b>-36</b>
5	<b>-45</b>

B) Complete the function table for  $f(x) = 20x + 3$  and answer the following questions.

$x$	$f(x)$
-2	0
<b>23</b>	<b>3</b>

i) What is the value of  $x$ , if  $f(x) = -7$ ?

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C) Complete the function table for  $f(x) = -1 + 2x$ ,  $f(x) = -x - 10$  and  $f(x) = 4x - 5$ .

$f(x)$	$-1 + 2x$	$-x - 10$	$4x - 5$
<b><math>f(0)</math></b>	<b>-1</b>	-10	<b>-5</b>
<b><math>f(5)</math></b>	<b>9</b>	<b>-15</b>	15
<b><math>f(8)</math></b>	15	<b>-18</b>	<b>27</b>