

Name : \_\_\_\_\_

## Function Table - Linear Function

L1MS3

A) Complete each function table.

1)  $f(x) = -0.7 + 5x$

$x$	$f(x)$
-9	
-8	
-7	
3	
4	

2)  $f(x) = 1.2x + 1.8$

$x$	$f(x)$
$\frac{1}{6}$	
2	
4	

3)  $f(x) = \frac{4}{5} - x$

$x$	$f(x)$
$-\frac{11}{5}$	
$-\frac{1}{5}$	
0	
3	
5	

B) Complete the function table and answer the following questions:

$x$	
$f(x)$	

i) What is the value of  $f(7)$ ?

\_\_\_\_\_

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\_\_\_\_\_  $-\frac{1}{3}$  and answer the following question:

7	10

What is the value of  $f(3)$ ?

\_\_\_\_\_

C) Complete the function table for the following functions:

$f(x)$	$-0.8x + 0.1$	$\frac{2}{3}x$	$\frac{1}{4}x - \frac{1}{7}$
$f(-10)$			
$f(4)$			
$f(6)$			

## Function Table - Linear Function

A) Complete each function table.

1)  $f(x) = -0.7 + 5x$

$x$	$f(x)$
-9	<b>-45.7</b>
-8	<b>-40.7</b>
-7	<b>-35.7</b>
3	<b>14.3</b>
4	<b>19.3</b>

2)  $f(x) = 1.2x + 1.8$

$x$	$f(x)$
$\frac{1}{6}$	<b>2</b>
2	<b>4.2</b>
4	<b>6.6</b>

3)  $f(x) = \frac{4}{5} - x$

$x$	$f(x)$
$-\frac{11}{5}$	<b>3</b>
$-\frac{1}{5}$	<b>1</b>
0	<b><math>\frac{4}{5}</math></b>
3	<b><math>-\frac{11}{5}</math></b>
5	<b><math>-\frac{21}{5}</math></b>

B) Complete the function table and answer the following questions

$x$	
$f(x)$	

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

$$\underline{\underline{-\frac{25}{3}}}$$

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$-\frac{1}{3}$  and answer the following questions

7	10
<b><math>\frac{41}{3}</math></b>	<b><math>\frac{59}{3}</math></b>

ii) What is the value of  $f(3)$ ?

C) Complete the function table

$f(x)$	$-0.8x + 0.1$	$\frac{2}{3}x$	$\frac{1}{4}x - \frac{1}{7}$
$f(-10)$	<b>8.1</b>	<b><math>-\frac{20}{3}</math></b>	<b><math>-\frac{37}{14}</math></b>
$f(4)$	<b>-3.1</b>	<b><math>\frac{8}{3}</math></b>	<b><math>\frac{6}{7}</math></b>
$f(6)$	<b>-4.7</b>	<b>4</b>	<b><math>\frac{19}{14}</math></b>