

Function Table - Linear Function

A) Complete each function table.

1) $f(x) = \frac{3}{5}x + 5$

x	f(x)
$-\frac{5}{2}$	
$-\frac{1}{2}$	
0	
1	
5	

2) $f(x) = -0.5x$

x	f(x)
-4	
-2	
-1	

3) $f(x) = \frac{7}{2} + 3x$

x	f(x)
$\frac{5}{3}$	
3	
2	
6	
8	

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

x	
f(x)	

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

ii) What is the value of $f(9)$?

3

4

C) Complete the function table for $f(x) = -0.4x + 2$

f(x)	-0.4x + 2	- $\frac{2}{3}x - 6$	0.7x + 0.3
f(-2)			
f(0)			
f(2)			

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Function Table - Linear Function

A) Complete each function table.

1) $f(x) = \frac{3}{5}x + 5$

x	$f(x)$
$-\frac{5}{2}$	$\frac{7}{2}$
$-\frac{1}{2}$	$\frac{47}{10}$
0	5
1	$\frac{28}{5}$
5	8

2) $f(x) = -0.5x$

x	$f(x)$
-4	2
-2	1
-1	0.5

3) $f(x) = \frac{7}{2} + 3x$

x	$f(x)$
$\frac{5}{3}$	$\frac{17}{2}$
3	$\frac{25}{2}$
2	$\frac{19}{2}$
6	$\frac{43}{2}$
8	$\frac{55}{2}$

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

x	
$f(x)$	

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

3	4
$\frac{63}{10}$	$\frac{79}{10}$

i) What is the value of $f(-2)$?

$-\frac{29}{2}$

ii) What is the value of $f(9)$?

C) Complete the function table for the following functions

$f(x)$	$-0.4x + 2$	$-\frac{2}{3}x - 6$	$0.7x + 0.3$
$f(-2)$	2.8	$-\frac{14}{3}$	-1.1
$f(0)$	2	-6	0.3
$f(2)$	1.2	$-\frac{22}{3}$	1.7

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