

## Function Table - Mixed Functions

A) Complete each function table.

1)  $f(x) = -3x + 11$

x	f(x)
-10	
-7	
-5	
-3	
-1	

2)  $f(x) = 2x^3 - 4x^2 + 9$

x	f(x)
-7	
-6	
3	

3)  $f(x) = \sqrt{4x + 1}$

x	f(x)
0	
1	
2	
6	
9	

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

x	
f(x)	

i) What is the value of  $f(5)$ ?

\_\_\_\_\_

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\_\_\_\_\_ + 13 and answer the

7	8

\_\_\_\_\_ value of  $f(5)$ ?

\_\_\_\_\_

C) Complete the function table:

$f(x)$	$\frac{-18 + x}{x}$	$-7x(x - 4)$	$-x - 5$
$f(-6)$			
$f(-3)$			
$f(1)$			

**Function Table - Mixed Functions**

A) Complete each function table.

1)  $f(x) = -3x + 11$

$x$	$f(x)$
-10	<b>41</b>
-7	<b>32</b>
-5	<b>26</b>
-3	<b>20</b>
-1	<b>14</b>

2)  $f(x) = 2x^3 - 4x^2 + 9$

$x$	$f(x)$
-7	<b>-873</b>
-6	<b>-567</b>
3	<b>27</b>

3)  $f(x) = \sqrt{4x + 1}$

$x$	$f(x)$
0	<b>1</b>
1	<b><math>\sqrt{5}</math></b>
2	<b>3</b>
6	<b>5</b>
9	<b><math>\sqrt{37}</math></b>

B) Complete the function table and answer the following questions

$x$	
$f(x)$	

i) What is the value of  $f(5)$ ?**17**

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+ 13 and answer the

7	8
<b>41</b>	<b>269</b>

What is the value of  $f(5)$ ?

C) Complete the function table

$f(x)$	$\frac{-18+x}{x}$	$-7x(x-4)$	$-x-5$
$f(-6)$	<b>4</b>	<b>-420</b>	<b>1</b>
$f(-3)$	<b>7</b>	<b>-147</b>	<b>-2</b>
$f(1)$	<b>-17</b>	<b>21</b>	<b>-6</b>