

## Function Table

ES2

Complete each function table.

1)  $f(x) = -5x^2 + 20x - 14$

$x$	0	1	2	3	4
$f(x)$					

2)  $f(x) = -3x^2 + 42x - 139$

$x$	5	6	7	8	9
$f(x)$					

3)  $f(x) = -2x^2 - 12x - 18$

$x$	-6	-5
$f(x)$		

	-3	-2	-1
$f(x)$			

5)  $f(x) = 8x^2 - 16x + 8$

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

$6x - 7$

	2	3	4
$f(x)$			

7)  $f(x) = 10x^2 - 20x + 10$

$x$	-4	-3	-2	-1	0
$f(x)$					

$4x + 8$

	-1	0	1
$f(x)$			

9)  $f(x) = -6x^2 + 12x - 1$

$x$	-1	0	1	2	3
$f(x)$					

10)  $f(x) = 4x^2 - 64x + 261$

$x$	6	7	8	9	10
$f(x)$					

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**Answer key****Function Table**

ES2

Complete each function table.

1)  $f(x) = -5x^2 + 20x - 14$

$x$	0	1	2	3	4
$f(x)$	<b>-14</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>-14</b>

2)  $f(x) = -3x^2 + 42x - 139$

$x$	5	6	7	8	9
$f(x)$	<b>-4</b>	<b>5</b>	<b>8</b>	<b>5</b>	<b>-4</b>

3)  $f(x) = -2x^2 - 6x - 7$

$x$	-6	-5
$f(x)$	<b>27</b>	<b>3</b>

	-3	-2	-1
	<b>-9</b>	<b>-8</b>	<b>-5</b>

5)  $f(x) = 8x^2 - 6x - 7$

$x$	-2	-1
$f(x)$	<b>21</b>	<b>-1</b>

	2	3	4
	<b>-43</b>	<b>-34</b>	<b>-7</b>

7)  $f(x) = 10x^2 - 4x + 8$

$x$	-4	-3	-2	-1	0
$f(x)$	<b>47</b>	<b>17</b>	<b>7</b>	<b>17</b>	<b>47</b>

$x$	1	2	3	4	
$f(x)$	<b>29</b>	<b>8</b>	<b>1</b>	<b>8</b>	<b>29</b>

9)  $f(x) = -6x^2 + 12x - 1$

$x$	-1	0	1	2	3
$f(x)$	<b>-19</b>	<b>-1</b>	<b>5</b>	<b>-1</b>	<b>-19</b>

10)  $f(x) = 4x^2 - 64x + 261$

$x$	6	7	8	9	10
$f(x)$	<b>21</b>	<b>9</b>	<b>5</b>	<b>9</b>	<b>21</b>

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