

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

Score: \_\_\_\_\_

**Function Tables**

Complete the function tables for the given equations:

$y = \frac{1}{2}x$	
$x$	$y$
-4	
-2	
0	
6	
8	

$y = \left(-\frac{3}{5}\right)x + 1$	
$x$	$y$
-10	
-5	
0	
5	
10	

$y = -2x + \frac{1}{2}$	
$x$	$y$
-3	
-2	
-1	
3	
4	

$y = 2x - 5$	
$x$	$y$
-2	
	-5
	-1
	3
6	

$y = -4x + 3$	
$x$	$y$
	15
	-1
3	
	-17
	-21

$y = -x + 10$	
$x$	$y$
	15
-1	
	8
4	
	4

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### Function Tables

Write the rule as an equation in terms of 'x' for each of the function table:

$y =$	
$x$	$y$
-3	-6
-1	-4
2	-1
4	1
5	2

$y =$	
$x$	$y$
-1	4
2	7
4	9
6	11
7	12

$y =$	
$x$	$y$
-2	8
0	0
1	-4
3	-12
5	-20

$y =$	
$x$	$y$
-4	-7
-1	-1
0	1
4	9
8	17

$y =$	
$x$	$y$
-5	-46
-2	-19
1	8
3	26
4	35

$y =$	
$x$	$y$
-6	-2
-3	-1
0	0
6	2
9	3

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Function Tables
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Complete the function tables for the given equations:

$y = \frac{1}{2}x$	
$x$	$y$
-4	-2
-2	-1
0	0
6	3
8	4

$y = \left(-\frac{3}{5}\right)x + 1$	
$x$	$y$
-10	7
-5	4
0	1
5	-2
10	-5

$y = -2x + \frac{1}{2}$	
$x$	$y$
-3	$6\frac{1}{2}$
-2	$4\frac{1}{2}$
-1	$2\frac{1}{2}$
3	$-5\frac{1}{2}$
4	$-7\frac{1}{2}$

$y = 2x - 5$	
$x$	$y$
-2	-9
0	-5
2	-1
4	3
6	7

$y = -4x + 3$	
$x$	$y$
-3	15
1	-1
3	-9
5	-17
6	-21

$y = -x + 10$	
$x$	$y$
-5	15
-1	11
2	8
4	6
6	4

$$\begin{array}{r}
 -5 = 2x - 5 \\
 +5 \quad +5 \\
 \hline
 0 = 2x \\
 \frac{0}{2} = \frac{2x}{2} \\
 0 = x
 \end{array}$$

$$0 = x$$

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### Function Tables

Write the rule as an equation in terms of 'x' for each of the function table:

$$y = x - 3$$

x	y
-3	-6
-1	-4
2	-1
4	1
5	2

$$y = x + 5$$

x	y
-1	4
2	7
4	9
6	11
7	12

$$y = -4 \cdot x$$

x	y
-2	8
0	0
1	-4
3	-12
5	-20

$$y = 2x + 1$$

x	y
-4	-7
-1	-1
0	1
4	9
8	17

$$y = 9x - 1$$

x	y
-5	-46
-2	-19
1	8
3	26
4	35

$$y = x \div 3$$

x	y
-6	-2
-3	-1
0	0
6	2
9	3