Name: _____ Date: _____

Fresh Math

Inputs Outputs – Medium

Use the rule to find each output. Write the substitution in the middle column and the output in the y column.

1. y = 2x + 7. Complete the table.

x	2x + 7	y
-3		
-2		
-1		
4		

2. y = 4x - 9. Complete the table.

x	4x - 9	y
-1		
1		
5		
6		

3. y = 2x - 1. Complete the table.

x	2x - 1	y
-1		
0		
1		
6		

4. y = 5x - 6. Complete the table.

x	5x - 6	y
-3		
-2		
0		
4		

Name: _____ Date: _____

Fresh Math

Inputs Outputs – Medium

Use the rule to find each output. Write the substitution in the middle column and the output in the y column.

5. y = 2x + 1. Complete the table.

x	2x + 1	y
-3		
1		
2		
6		

6. y = 4x + 9. Complete the table.

x	4x + 9	y
-1		
2		
4		
5		

7. y = 5x - 5. Complete the table.

x	5x - 5	y
-1		
0		
2		
6		

8. y = 4x - 1. Complete the table.

x	4x - 1	y
-2		
1		
2		
5		

Inputs Outputs – Medium – Answer Key

1. y = 2x + 7. Complete the table.

x	2x + 7	y
-3	2(-3) + 7	1
-2	2(-2) + 7	3
-1	2(-1) + 7	5
4	2(4) + 7	15

2. y = 4x - 9. Complete the table.

x	4x - 9	y
-1	4(-1) - 9	-13
1	4(1) - 9	-5
5	4(5) - 9	11
6	4(6) - 9	15

3. y = 2x - 1. Complete the table.

x	2x - 1	y
-1	2(-1) - 1	-3
0	2(0) - 1	-1
1	2(1) - 1	1
6	2(6) - 1	11

4. y = 5x - 6. Complete the table.

x	5x - 6	y
-3	5(-3) - 6	-21
-2	5(-2) - 6	-16
0	5(0) - 6	-6
4	5(4) - 6	14

Inputs Outputs - Medium - Answer Key

5. y = 2x + 1. Complete the table.

x	2x + 1	y
-3	2(-3) + 1	-5
1	2(1) + 1	3
2	2(2) + 1	5
6	2(6) + 1	13

6. y = 4x + 9. Complete the table.

x	4x + 9	y
-1	4(-1) + 9	5
2	4(2) + 9	17
4	4(4) + 9	25
5	4(5) + 9	29

7. y = 5x - 5. Complete the table.

x	5x - 5	y
-1	5(-1) - 5	-10
0	5(0) - 5	-5
2	5(2) - 5	5
6	5(6) - 5	25

8. y = 4x - 1. Complete the table.

x	4x - 1	y
-2	4(-2) - 1	-9
1	4(1) - 1	3
2	4(2) - 1	7
5	4(5) - 1	19