

Name \_\_\_\_\_

Homework # \_\_\_\_\_

More Writing Equations

1.

<b>x</b>	-1	0	1	2	3
<b>y</b>	8	2	-4	-10	-16

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2.

<b>x</b>	2	3	4	5	6
<b>y</b>	4	7	10	13	16

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3.

<b>x</b>	4	8	12	16	20
<b>y</b>	2	3	4	5	6

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4.

<b>x</b>	2	4	6	8	10
<b>y</b>	7	9	11	13	15

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5.

<b>x</b>	-10	-5	0	5	10
<b>y</b>	-2	-1	0	1	2

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6. Complete the function table below with the missing values for  $y$ .

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

Based on the function table write a function rule that shows the relationship between  $x$  and  $y$ .

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7. Tom is on a road trip; the table below shows the distance he has traveled.

Time in hours	Distance (Miles)
0	0
1	23
2	46
3	69
4	92
5	115

Using the information from the table, write an equation that represents the distance,  $d$ , as a function of the number of hours,  $h$ , he has traveled.

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Use your equation or the information in the table to find the total distance Tom would have traveled after 7 hours.

\_\_\_\_\_ Miles