

**American Math 6<sup>th</sup> Grade HW 22;****Writing Equations From Tables, Writing Inequalities**

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Write an equation to express Y in terms of X. Use your equation to complete the table. Show your work.

1.

<b>X</b>	5	8	14	19	33
<b>Y</b>	1	4	10	15	

2.

<b>X</b>	0	2	3	5	
<b>Y</b>	0	6	9	15	27

3.

<b>X</b>	2	4	10	16	
<b>Y</b>	3	6	15		42

4.

<b>X</b>	1	2	3	4	
<b>Y</b>	1	4	9	16	64

Complete the graph for the following inequality..

5.  $c - 4 \leq -2$



6.  $-9 \leq 5d + 6$



Write an inequality that represents the following phrase. Draw a graph to represent the inequality. Show your work.

7. The quotient of X and 5 is less than or equal to 0.5