Summative Assessment : Relationships

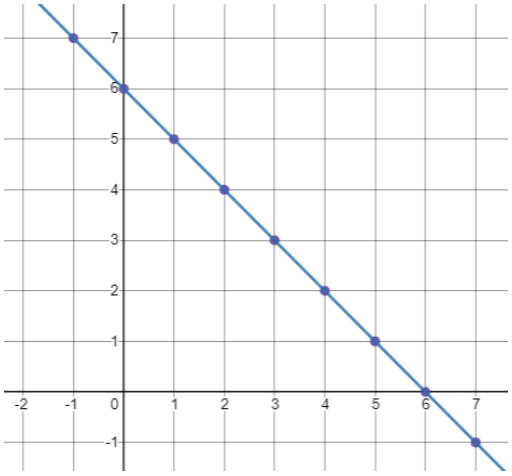
name: _____ **date:** _____

Outcome: Relationships					
35%	Level 1 (55%)	Level 2 (65%)	Level 3 (75%)	Level 4 (90%)	Level 4+ (100%)
Student has not yet demonstrated understanding of the standard.	Student is demonstrating an emerging understanding of the standard.	Student's demonstration of understanding is approaching the standard.	Student's demonstration of understanding is reaching the standard.	Student's demonstration of understanding is exceeding the standard.	Student's demonstration of understanding is extending the standard.

<u>Reaching Standard (Level 3)</u>

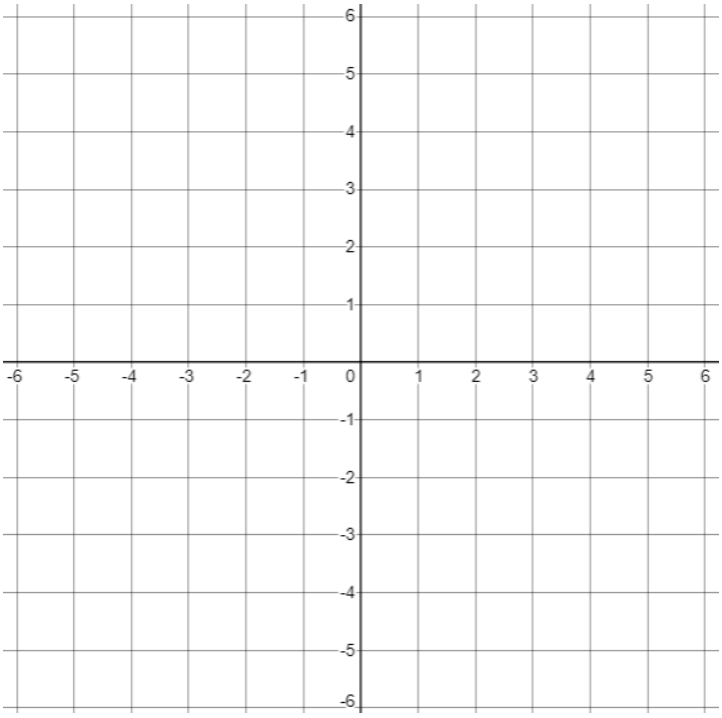
1. The graph below represents the relation:
   $x + y = 6$.

How would the graph of $x + y = 4$ look different?



2. Create a table of values and then graph the following relationship: $3x – 2y = 6$

x	y



Exceeding Standard (Level 4)

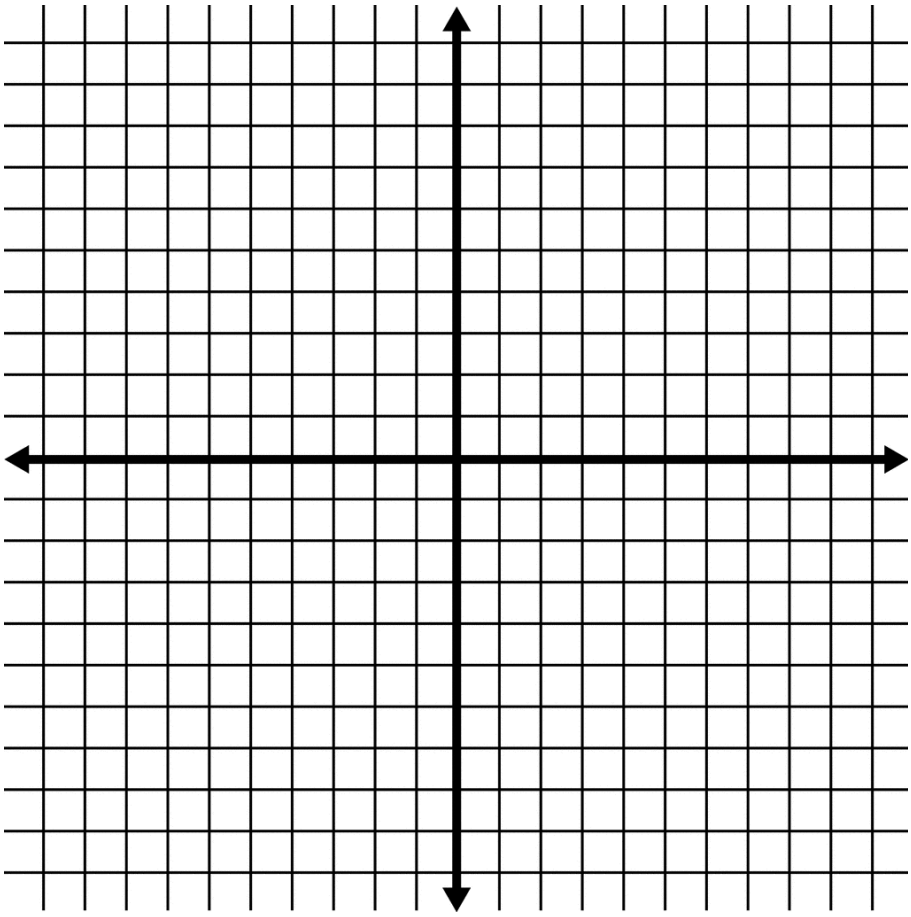
3. What is the difference between the following two statements:

a) $x + y > 10$

and

b) $x + y \geq 10$

4. Graph the inequality: $x - 3y \leq 4$
(Remember to add an appropriate scale to the axes)



Extending Standard (Level 4+)

5. Graph the region that satisfies **both** of the inequalities:

$xy \geq 24$

And

$2x + y < 30$

(Remember to add an appropriate scale to the axes)