

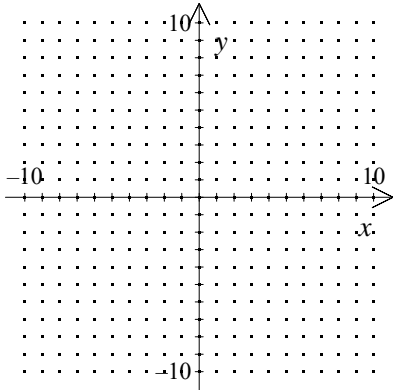
Algebra I Practice A.REI.D.12: Graphing Linear Inequalities 2

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NAME: _____

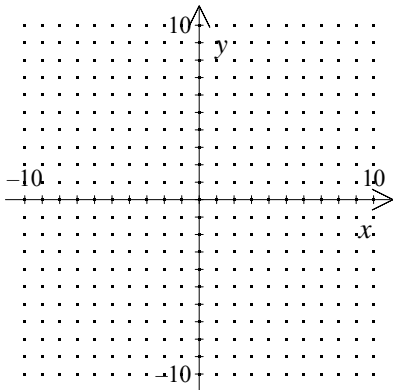
Graph:

1. $-2x \geq 2y$



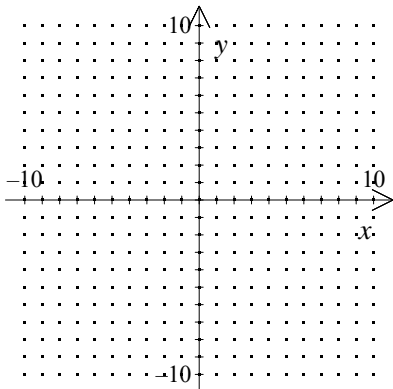
[1]

2. $-8x \leq 4y$



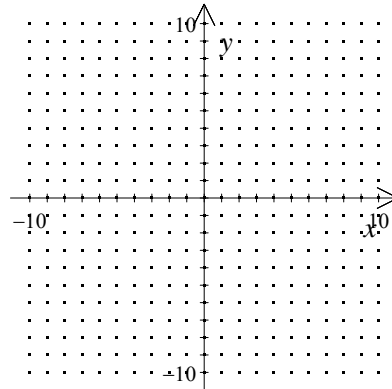
[2]

3. $-6x \geq 2y$



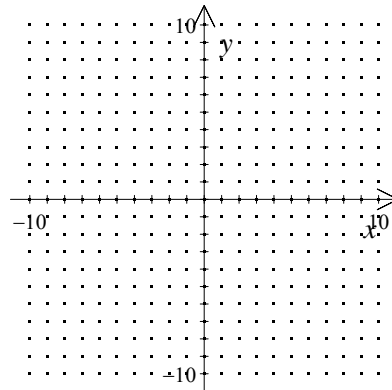
[3]

4. $y \leq x - 1$



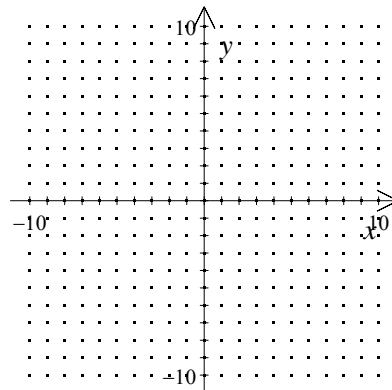
[4]

5. $y \leq 4x - 8$



[5]

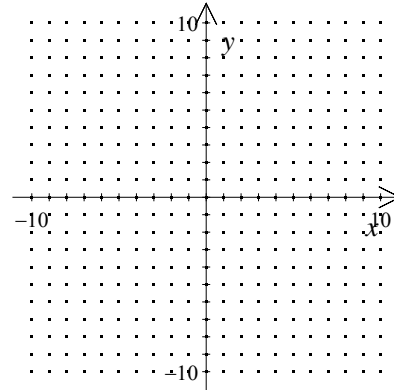
6. $y \leq 7x - 7$



[6]

Graph:

7. $y \leq 5x - 5$



[7] _____

8. Compare the quantities in Column A and Column B.

Column A

Column B

the x -values in the solution of $y > 4x + 1$ when $y = 0$

the y -values in the solution of $y > 4x + 1$ when $x = 0$

[A] The quantity in Column A is greater.

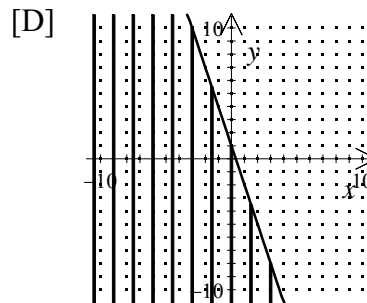
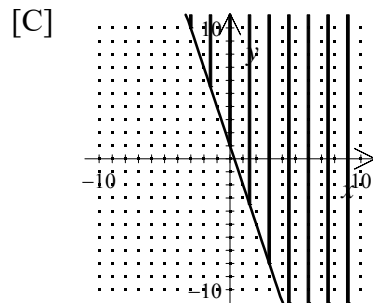
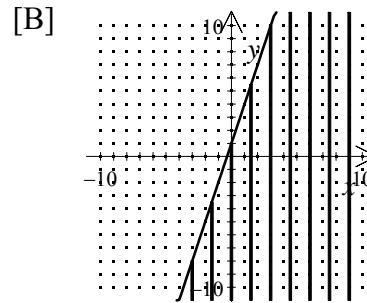
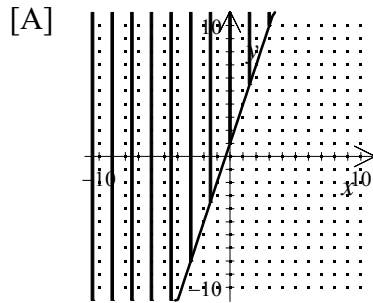
[B] The quantity in Column B is greater.

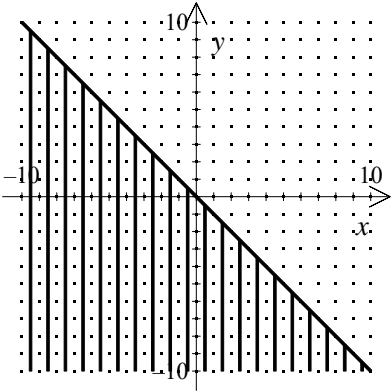
[C] The quantities are equal.

[D] The relationship cannot be determined from the information given.

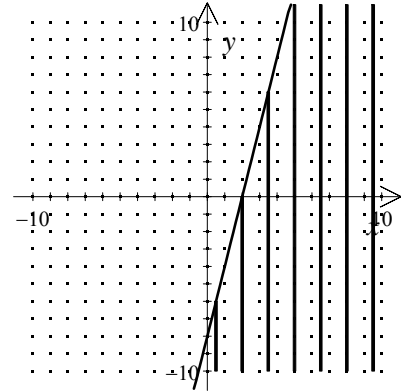
[8] _____
[9] _____

9. Graph: $-y \geq 3x - 1$

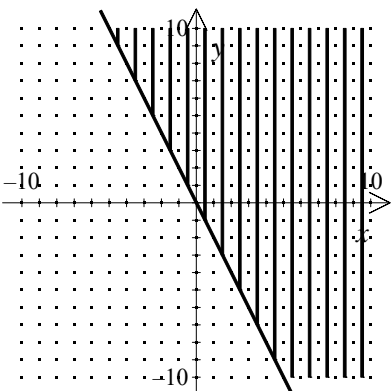




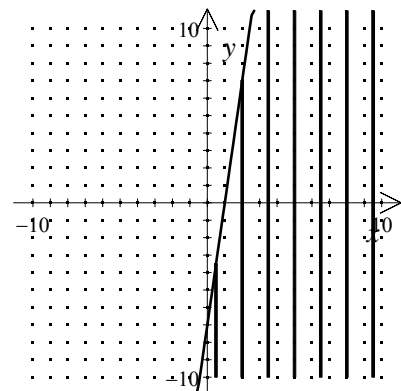
[1]



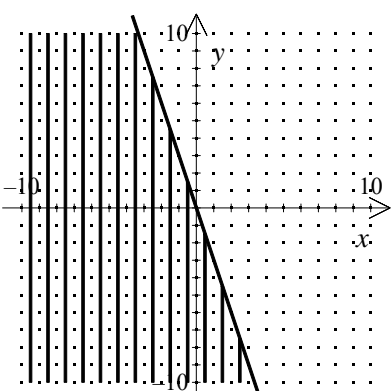
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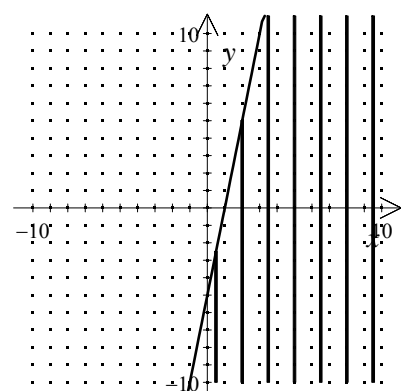
[2]



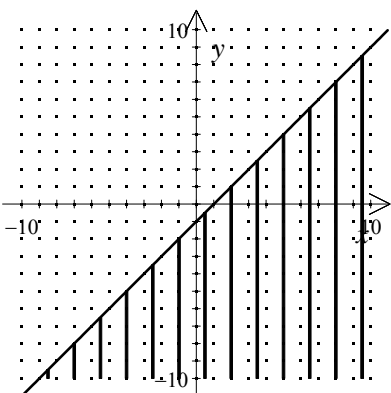
[6]



[3]



[7]



[4]

[8] B _____

[9] D _____