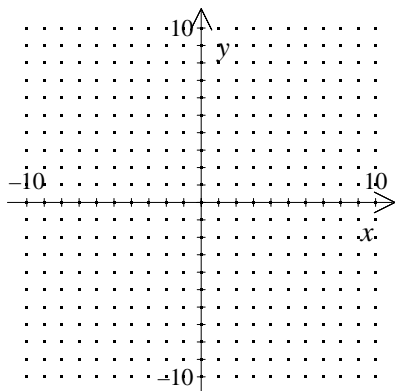


NAME: _____

P.I. A.G.6: Graph linear inequalities

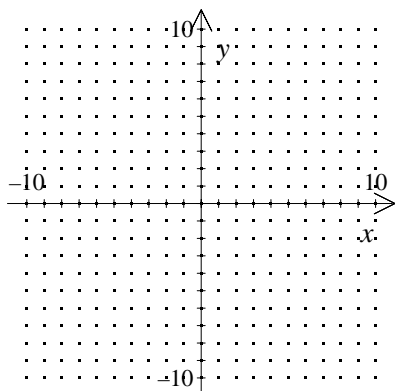
Graph:

1. $-2x \geq 2y$



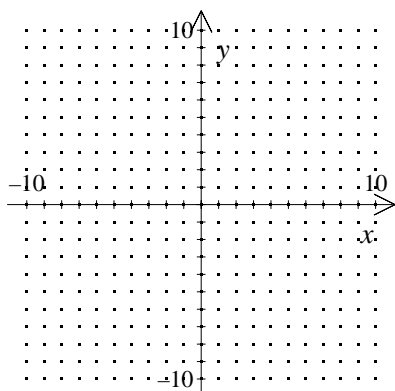
[1] _____

2. $-8x \leq 4y$



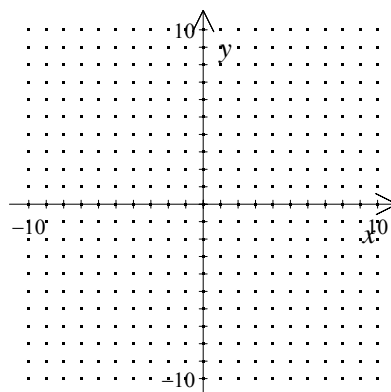
[2] _____

3. $-6x \geq 2y$



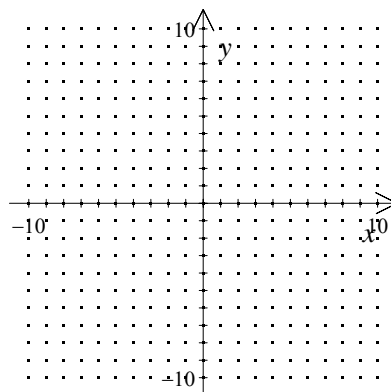
[3] _____

4. $y \leq x - 1$



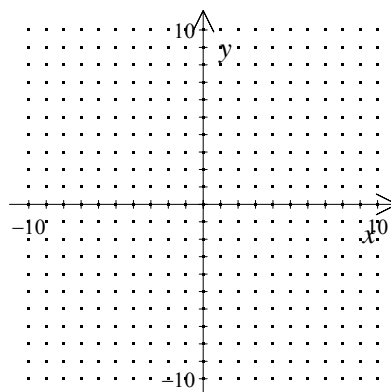
[4] _____

5. $y \leq 4x - 8$



[5] _____

6. $y \leq 7x - 7$

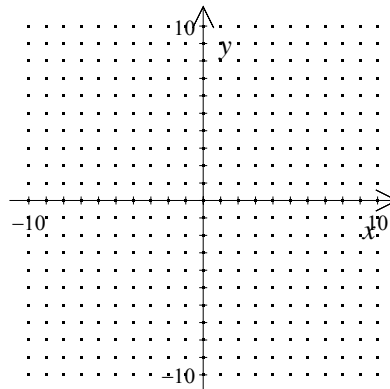


[6] _____

NAME: _____

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

the y - values in the solution of

$y > 4x + 1$ when $y = 0$

$y > 4x + 1$ when $x = 0$

[A] The quantity in Column A is greater.

[B] The quantity in Column B is greater.

[C] The quantities are equal.

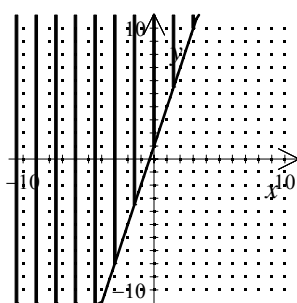
[D] The relationship cannot be determined from the information given.

[8] _____

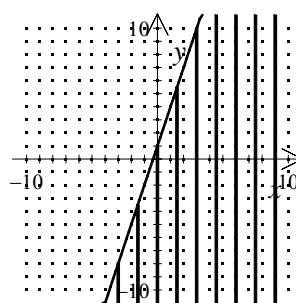
9. Graph: $-y \geq 3x - 1$

[9] _____

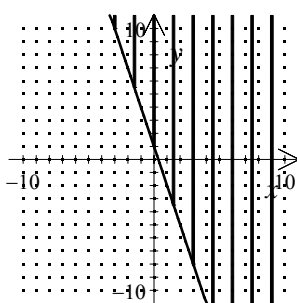
[A]



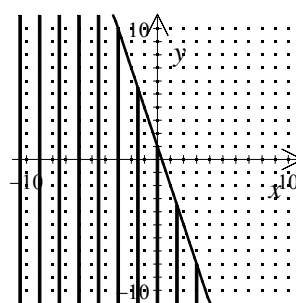
[B]

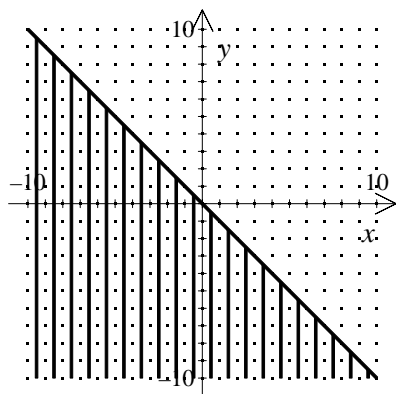


[C]

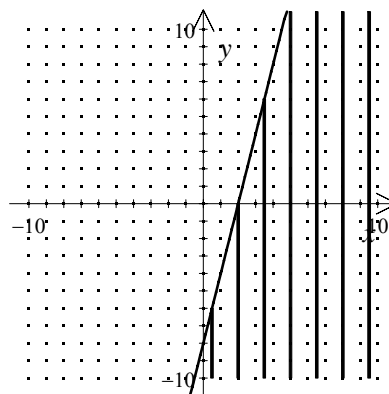


[D]

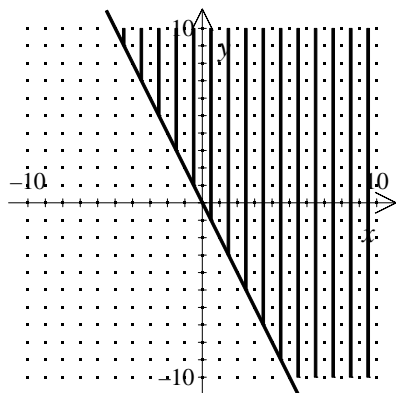




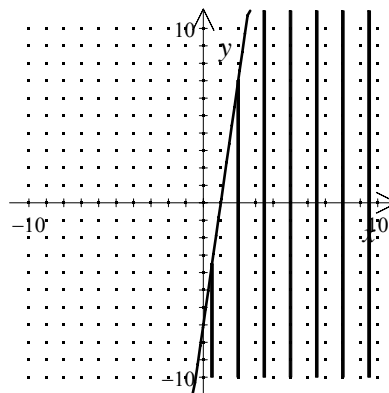
[1]



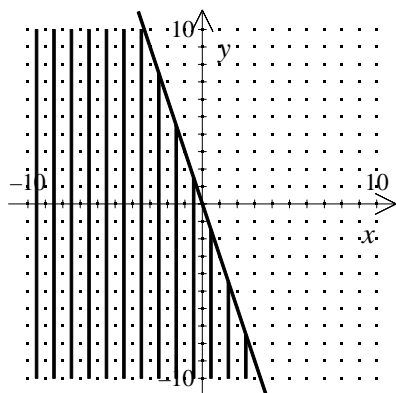
[5]



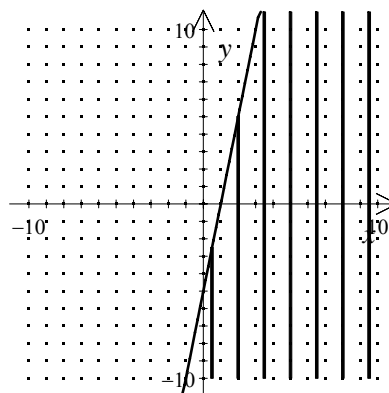
[2]



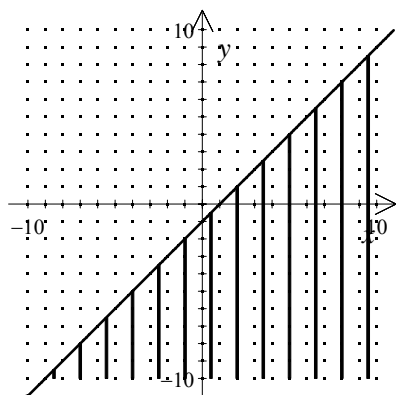
[6]



[3]



[7]



[4]

[8] B _____

[9] D _____