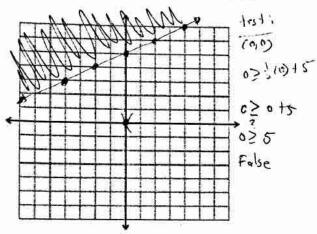
1.1/1.2 Re-Teach Worksheet

Intermediate Algebra

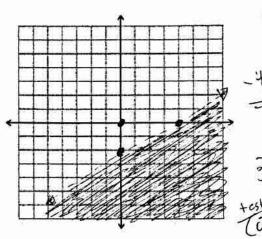
- 1.1 I can understand how to represent a region on a graph with an inequality.
- 1.2 I can understand real-world situations that can be modeled as linear relationships with constraints.

Graph the following inequalities.

$$1. y \ge \frac{1}{2}x + 5$$

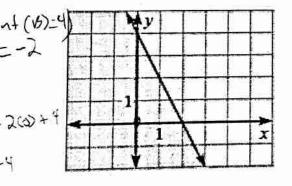


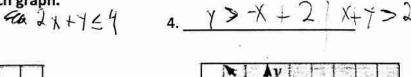
2.2x - 4y > 8

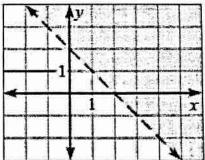


2003-400)8

Write an inequality for each graph.







5. Graph 2x - 5y > 10.

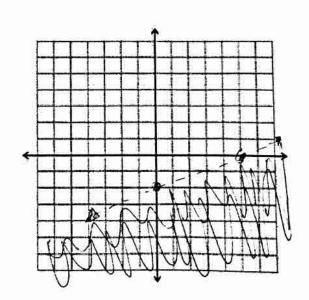
Which of the ordered pairs is NOT

a solution of the inequality?



b) (5,-1)





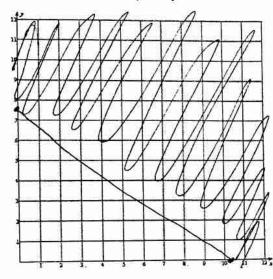
1.1/1.2 Re-Teach Worksheet

Intermediate Algebra

6. Tickets for the school play cost \$5 per student and \$7 per adult. The school wants to earn at least \$5400 on each performance.

a. Write an inequality that represents this situation $5x+7y \ge 5400$

b. Graph the inequality:



Choose a point that IS a solution to the inequality. **EXPLAIN** what it means in the context of the problem.

> (1100/100) 1100 sticket & tickets
> 100 per adults

X Y 1056 0 0 771