

Graph Systems of Inequalities
03/22/2012

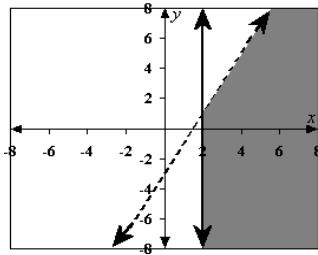
Student Name: _____

Class: _____

Date: _____

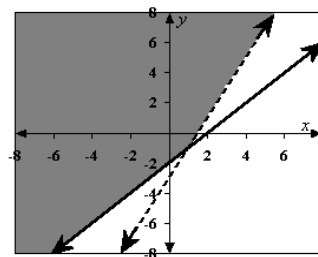
Instructions: Read each question carefully and select the correct answer.

1. Choose the system of inequalities represented by the following graph.



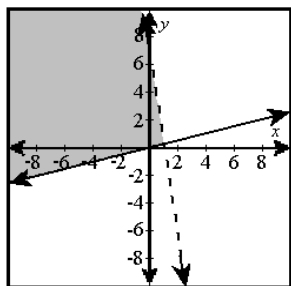
- A. $7y - 14x < -21$
 $x \geq 2$
- B. $7y - 14x > -21$
 $y \leq 2$
- C. $7y - 14x < -21$
 $y \geq 2$
- D. $7y - 14x \leq -21$
 $x \geq 2$

2. Choose the system of inequalities represented by the following graph.



- A. $-5y + 5x < 10$
 $y - 2x \geq -3$
- B. $-5y + 5x \leq 10$
 $y - 2x > -3$
- C. $-5y + 5x \geq 10$
 $y - 2x < -3$
- D. $-5y + 5x \geq 10$
 $y - 2x > -3$

3. Choose the system of inequalities represented by the following graph.



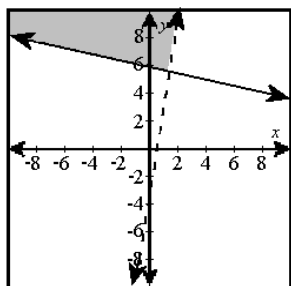
A. $y > \frac{1}{4}x$
 $y \leq -6x + 7$

B. $y \geq \frac{1}{4}x$
 $y < -6x + 7$

C. $y \leq \frac{1}{4}x$
 $y > -6x + 7$

D. $y < \frac{1}{4}x$
 $y \geq -6x + 7$

4. Choose the system of inequalities represented by the following graph.



A. $y < -\frac{1}{5}x + 6$
 $y \leq 7x - 3$

B. $y > -\frac{1}{5}x + 6$
 $y \geq 7x - 3$

C. $y \leq -\frac{1}{5}x + 6$
 $y < 7x - 3$

D. $y \geq -\frac{1}{5}x + 6$
 $y > 7x - 3$