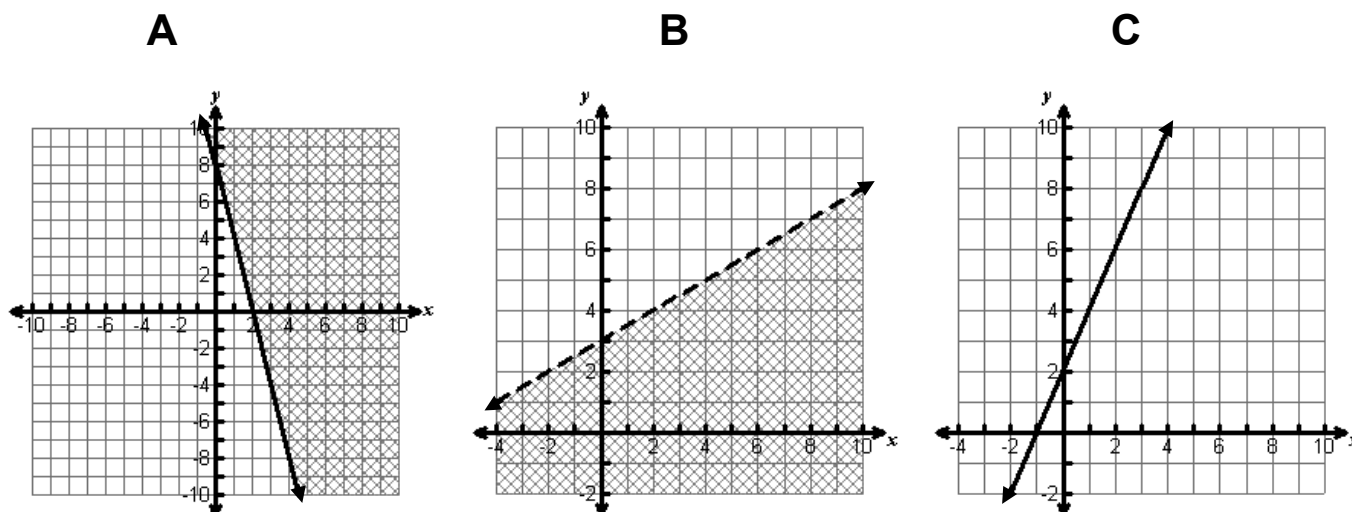


Name: _____ Period: _____ Date: _____

Activity: Name That Graph

Identify which graph(s) satisfies the questions below.



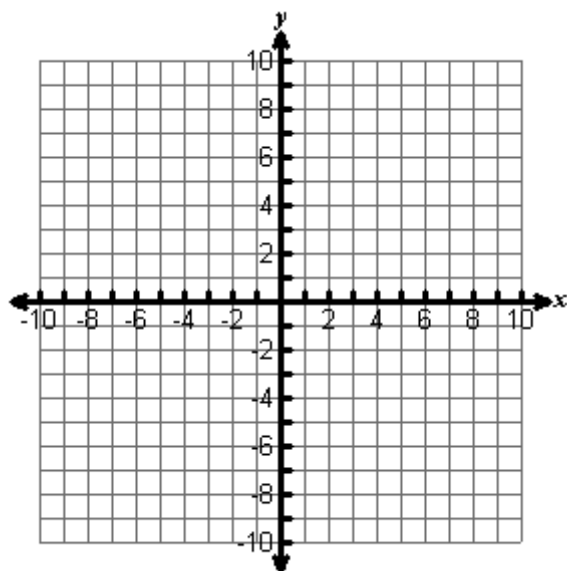
1. Which graph is shaded above the line? _____
2. Which graph describes a “less than” relationship? _____
3. Which graph has a solution of $(0, 2)$? _____
4. Which graph does not have solutions on the line? _____
5. Which graph describes a “greater than or equal to” relationship? _____
6. Which graph is shaded below the line? _____
7. Which graph describes an “equal” relationship? _____

Name: _____ Period: _____ Date: _____

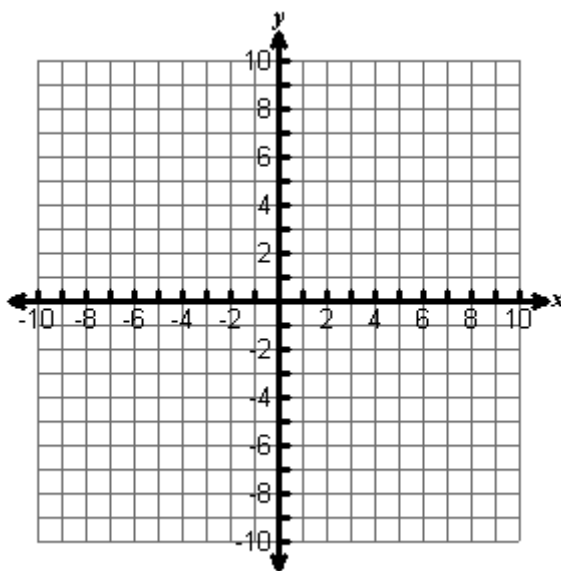
Activity: Inequalities

Solve the following inequalities and sketch the graph.

1. $-3x \geq 5y + 15$



2. $-\frac{3}{2}x + 3y > 9$



Name: _____ Period: _____ Date: _____

Evaluate: Inequalities

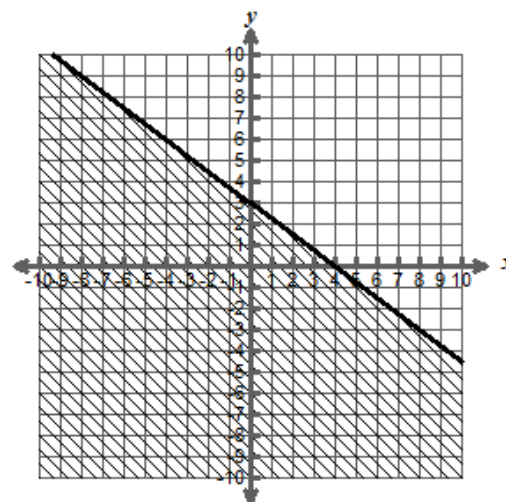
- 1** Which ordered pair is a solution of $3x - 6y = 18$?

A (4, 5)
B (0, 3)
C (0, 6)
D (4, -1)

- 2** Which inequality would you choose to enter into a graphing calculator if you needed to see the graph of $-3x + 2y > -6$?

A $y > \frac{3}{2}x + 3$
B $y < \frac{3}{2}x - 3$
C $y < \frac{3}{2}x + 3$
D $y > \frac{3}{2}x - 3$

- 3** Which inequality best represents the graph below?

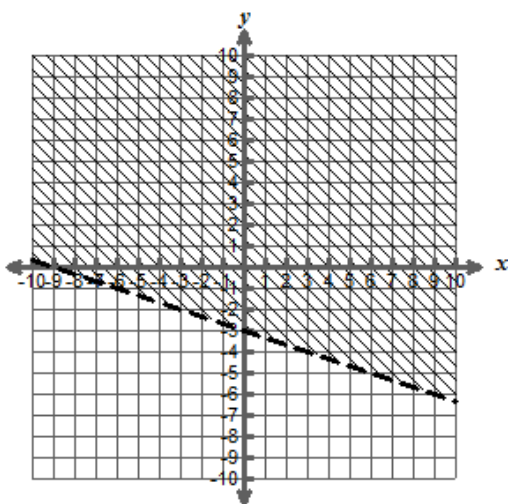


A $3x + 4y \geq 12$
B $3x + 4y < 12$
C $3x + 4y \leq 12$
D $3x - 4y \leq 12$

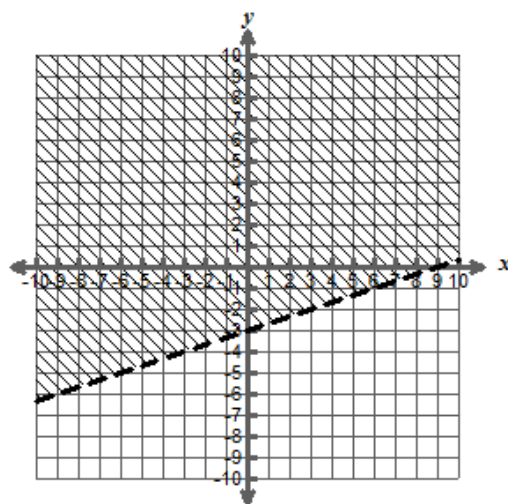
Lesson 3
Grade 11

4 Which graph best represents the inequality $x + 3y \geq -9$?

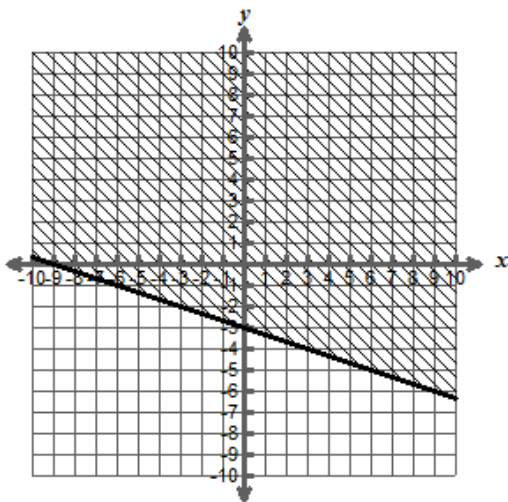
A



C



B



D

