Graphing Inequalities – Day 1   Name _____
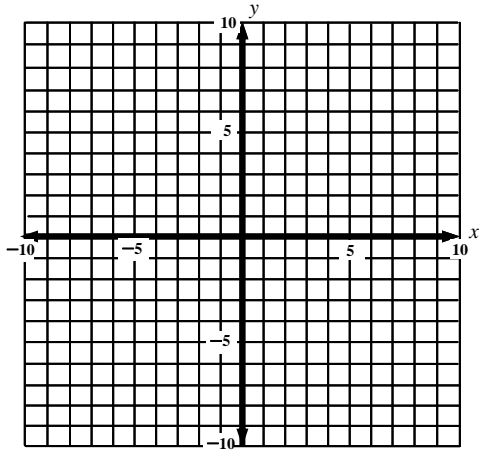Assignment   Date _____ Period _____

Graph the following Inequalities.   Fill in the blanks to help with the graphing.

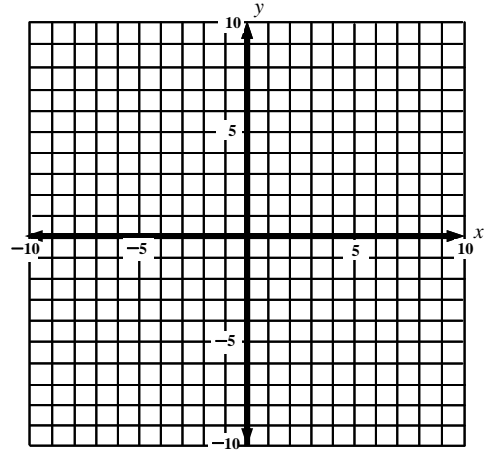1. $y < -3x + 5$

3. $y \geq -\dfrac{1}{3}x + 3$

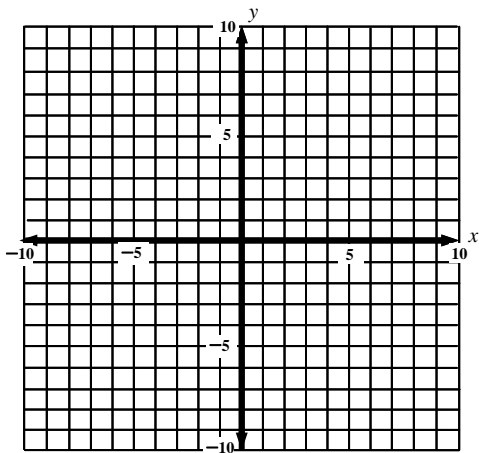m = _____   b = _____

m = _____   b = _____

line _____   shade _____

line _____   shade _____

2. $y > 9x - 5$

4. $y < -5x + 9$

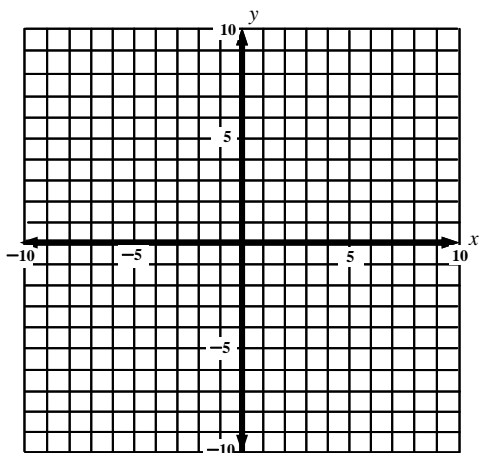m = _____   b = _____

m = _____   b = _____
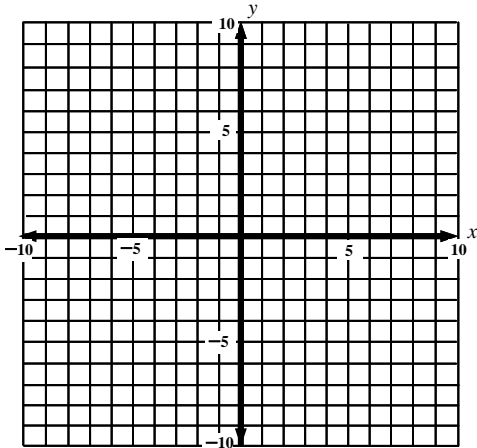
line _____   shade _____

line _____   shade _____
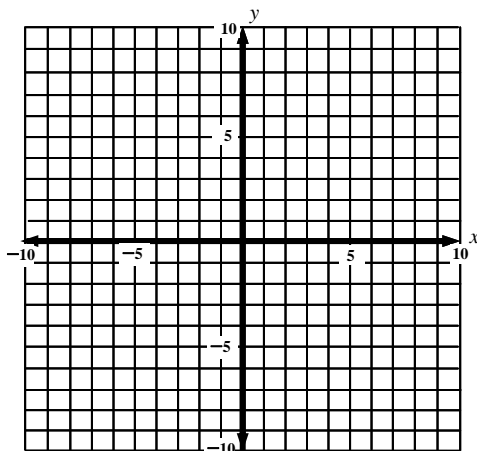
5. $y \geq \dfrac{1}{2}x$
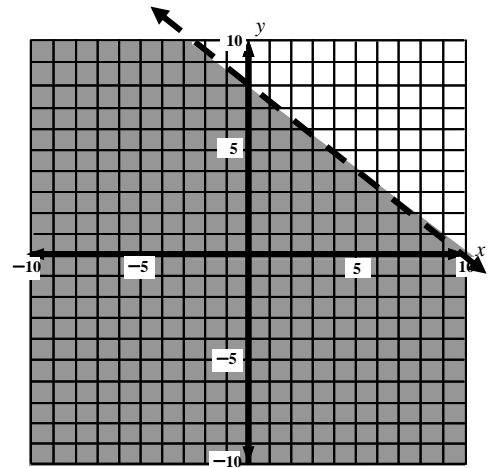
m = _____ b = _____

line _____ shade _____

Write the inequality of each graph below. Use the blanks to help you determine the inequality.

7. m= _____ b= _____

line _____ shade _____

Inequality _____

6. $x < 4$

m = _____ b = _____

line _____ shade _____

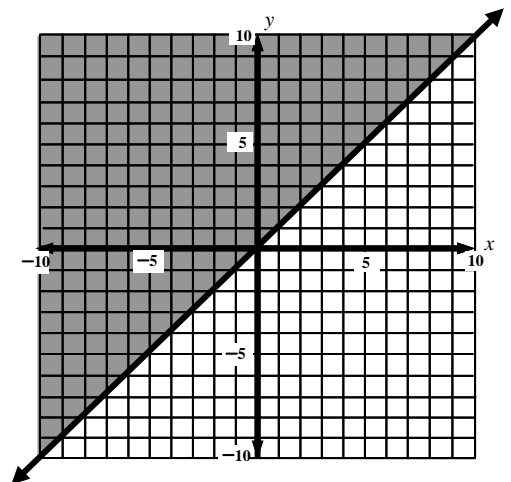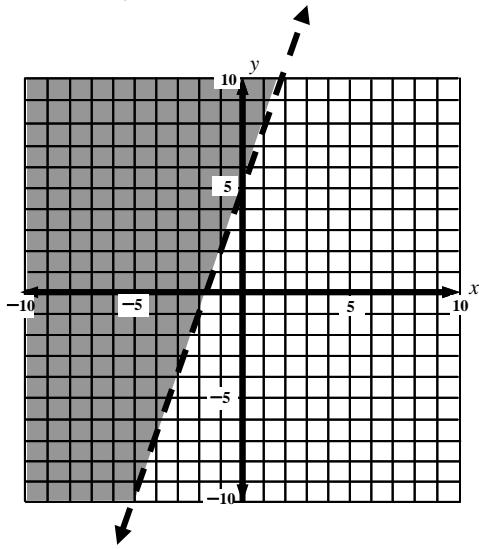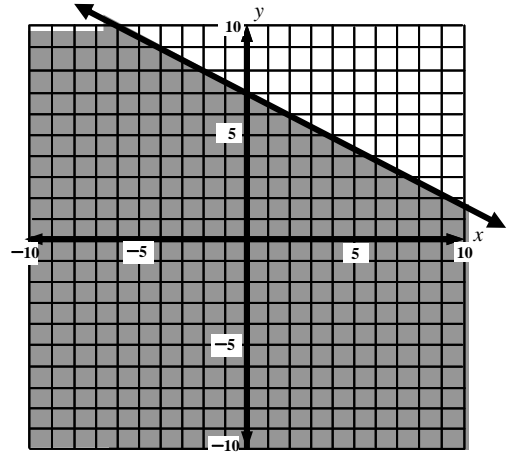8. m= _____ b= _____

line _____ shade _____

Inequality _____

9.   m= _____   b= _____

line _____   shade _____

Inequality _____

10.   m= _____   b= _____

line _____   shade _____

Inequality _____

11.   m= _____   b= _____

line _____   shade _____

Inequality _____

12.   m= _____   b= _____

line _____   shade _____

Inequality _____