

Graphing Inequalities - Day 1

Notes

Name \_\_\_\_\_

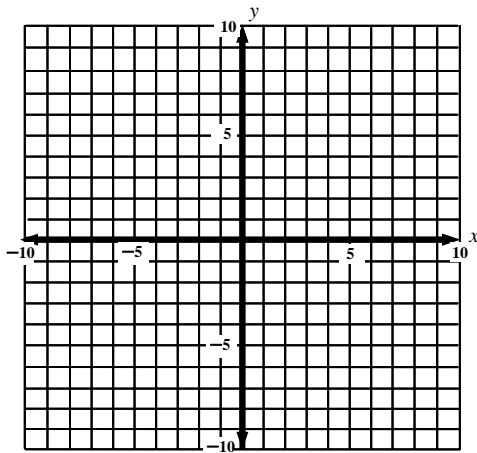
Date \_\_\_\_\_ Period \_\_\_\_\_

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

1.  $y < 2x + 3$

m = \_\_\_\_\_ b = \_\_\_\_\_

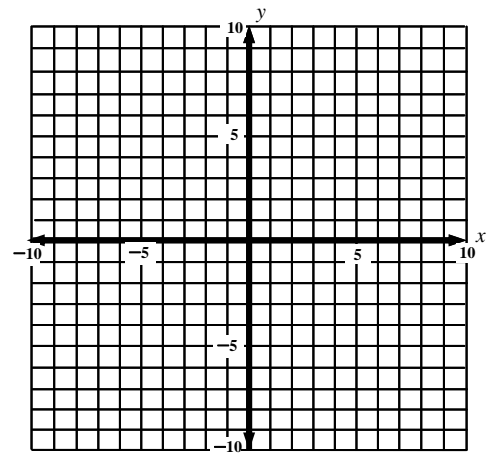
line \_\_\_\_\_ shade \_\_\_\_\_



3.  $y \geq \frac{1}{2}x - 8$

m = \_\_\_\_\_ b = \_\_\_\_\_

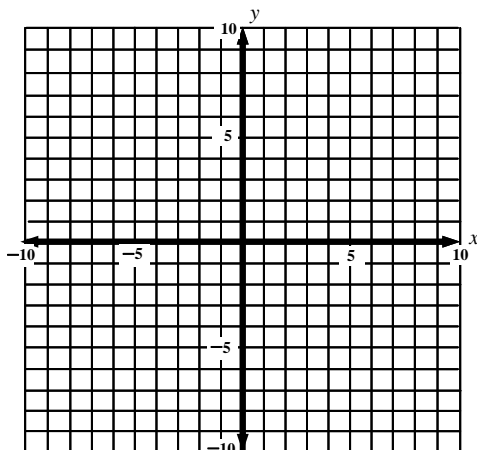
line \_\_\_\_\_ shade \_\_\_\_\_



2.  $y > -4x + 1$

m = \_\_\_\_\_ b = \_\_\_\_\_

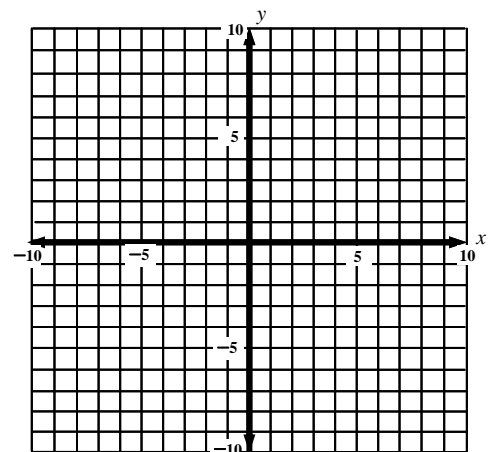
line \_\_\_\_\_ shade \_\_\_\_\_



4.  $y < -\frac{1}{4}x + 5$

m = \_\_\_\_\_ b = \_\_\_\_\_

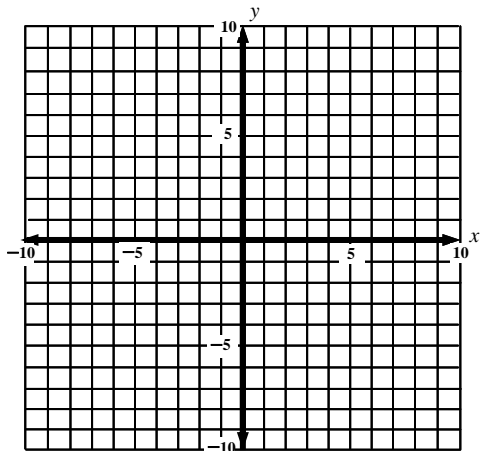
line \_\_\_\_\_ shade \_\_\_\_\_



5.  $y \geq x + 2$

m = \_\_\_\_\_ b = \_\_\_\_\_

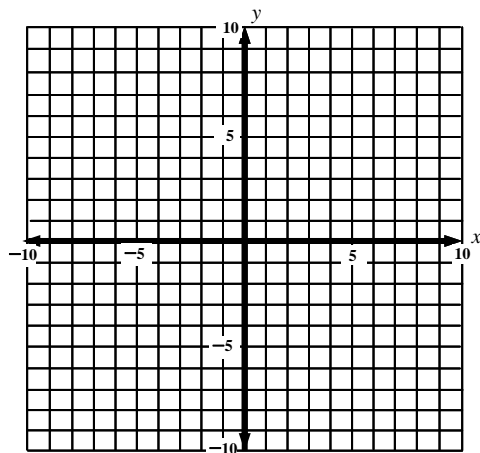
line \_\_\_\_\_ shade \_\_\_\_\_



6.  $y < -4$

m = \_\_\_\_\_ b = \_\_\_\_\_

line \_\_\_\_\_ shade \_\_\_\_\_

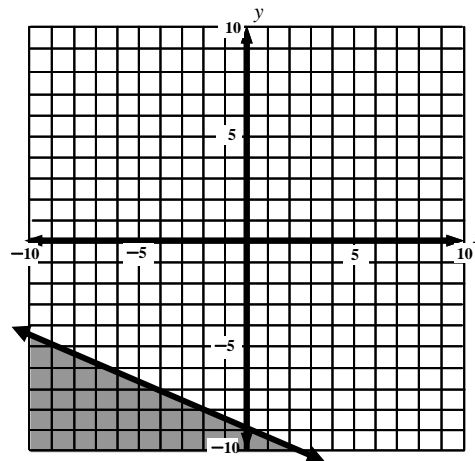


Write the inequality of each graph below.  
Use the blanks to help you determine the inequality.

7. m = \_\_\_\_\_ b = \_\_\_\_\_

line \_\_\_\_\_ shade \_\_\_\_\_

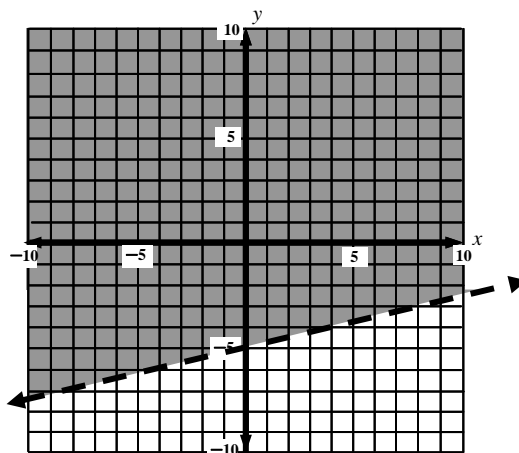
Inequality \_\_\_\_\_



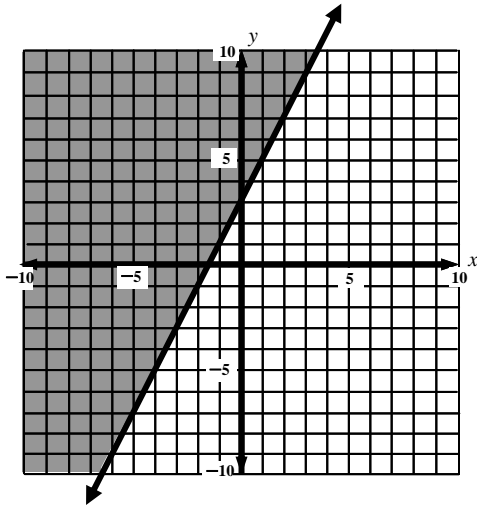
8. m = \_\_\_\_\_ b = \_\_\_\_\_

line \_\_\_\_\_ shade \_\_\_\_\_

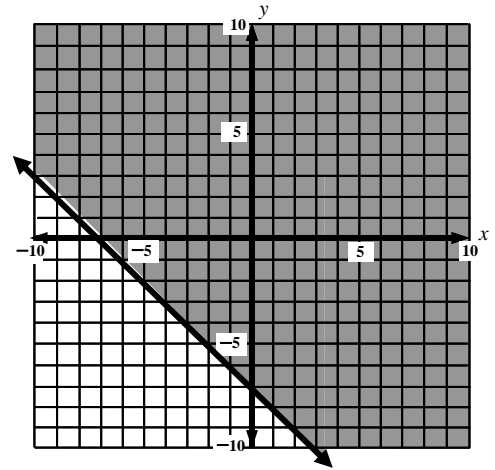
Inequality \_\_\_\_\_



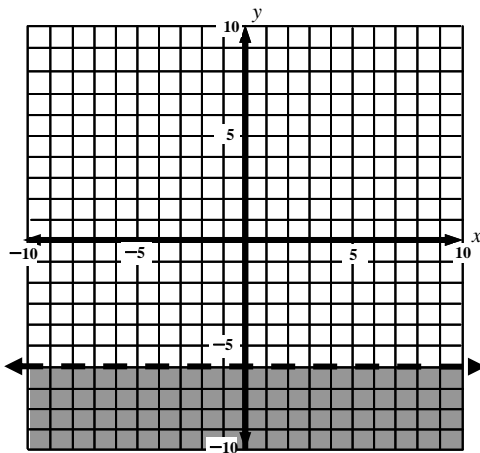
9.  $m = \underline{\hspace{2cm}}$        $b = \underline{\hspace{2cm}}$   
 line  $\underline{\hspace{2cm}}$       shade  $\underline{\hspace{2cm}}$   
 Inequality  $\underline{\hspace{4cm}}$



11.  $m = \underline{\hspace{2cm}}$        $b = \underline{\hspace{2cm}}$   
 line  $\underline{\hspace{2cm}}$       shade  $\underline{\hspace{2cm}}$   
 Inequality  $\underline{\hspace{4cm}}$



10.  $m = \underline{\hspace{2cm}}$        $b = \underline{\hspace{2cm}}$   
 line  $\underline{\hspace{2cm}}$       shade  $\underline{\hspace{2cm}}$   
 Inequality  $\underline{\hspace{4cm}}$



12.  $m = \underline{\hspace{2cm}}$        $b = \underline{\hspace{2cm}}$   
 line  $\underline{\hspace{2cm}}$       shade  $\underline{\hspace{2cm}}$   
 Inequality  $\underline{\hspace{4cm}}$

