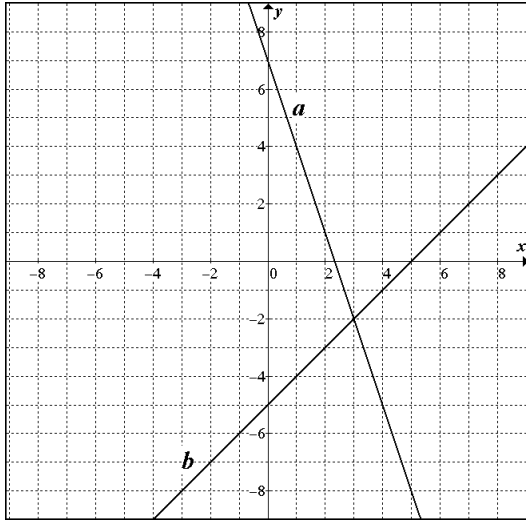


**Mathematics 9**  
**Determining Points of Intersection**

Date: \_\_\_\_\_

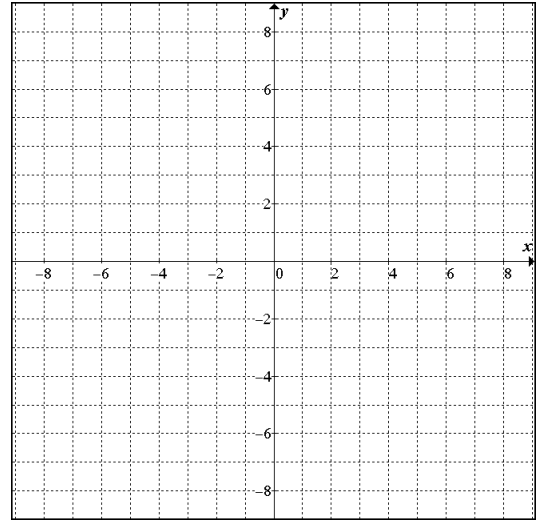
1. Give:
- a) equation of line *a*: \_\_\_\_\_
  - b) equation of line *b*: \_\_\_\_\_
  - c) coordinates of their point of intersection: \_\_\_\_\_



2. Graph the lines  $y = \frac{2}{3}x - 2$  and  $y = -x + 8$ .

State the coordinates of their point of intersection: \_\_\_\_\_

Check your answer in your notebook using proper **LS=** and **RS=** form.

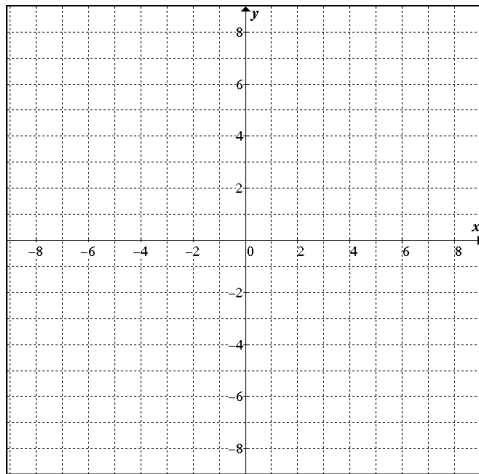


3. Complete the tables of values for:  
 $2x + 5y = 10$  and  $2x + y + 6 = 0$ ,

<i>x</i>	<i>y</i>
<b>0</b>	
	<b>0</b>

<i>x</i>	<i>y</i>
<b>0</b>	
	<b>0</b>

then graph the lines  
 and state the point of intersection: \_\_\_\_\_  
 Check your answer in your notebook using  
 proper **LS=** and **RS=** form.



4. Complete the tables of values for:  
 $y = -3x - 6$  and  $y = -2x - 2$ ,

<i>x</i>	<i>y</i>
<b>-2</b>	
<b>-1</b>	
<b>0</b>	

<i>x</i>	<i>y</i>
<b>-2</b>	
<b>0</b>	
<b>3</b>	

then graph the lines  
 and state the point of intersection: \_\_\_\_\_

