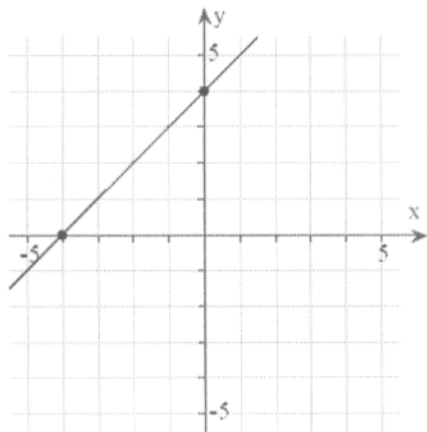


Student: \_\_\_\_\_  
Date: \_\_\_\_\_  
Time: \_\_\_\_\_

Instructor: courtney trabue  
Course: GMC LSS Mathematics  
Book: Martin-Gay: Developmental  
Mathematics

Assignment: MAT 097 Intercepts (10.3)

1. Identify the intercepts.



x-intercept(s) =

(Type ordered pairs. Use a comma to separate answers as needed. Type N if there are no intercepts.)

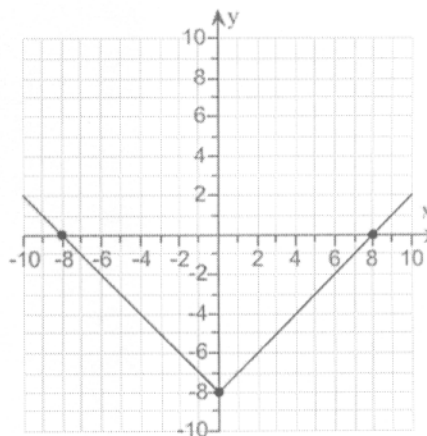
y-intercept(s) =

(Type ordered pairs. Use a comma to separate answers as needed. Type N if there are no intercepts.)

2. Identify the intercepts.

What are the intercepts?

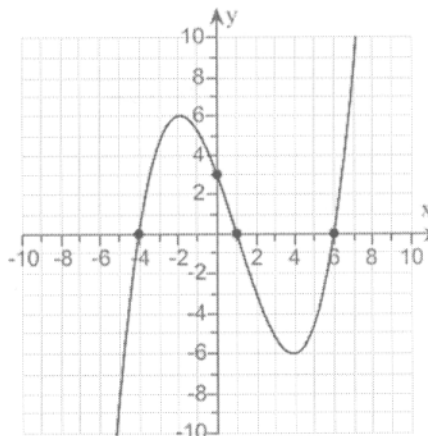
(Type an ordered pair. Use a comma to separate answers as needed.)



3. Identify the intercepts.

What are the intercepts?

(Type an ordered pair. Use a comma to separate answers as needed.)

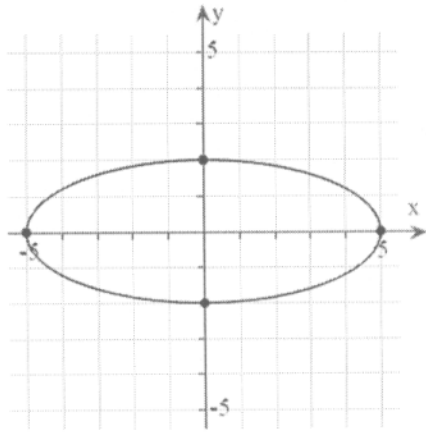


Student: \_\_\_\_\_  
Date: \_\_\_\_\_  
Time: \_\_\_\_\_

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Assignment: MAT 097 Intercepts (10.3)

4. Identify the intercepts.



x-intercept(s) =

(Type ordered pairs. Use a comma to separate answers as needed. Type N if there are no intercepts.)

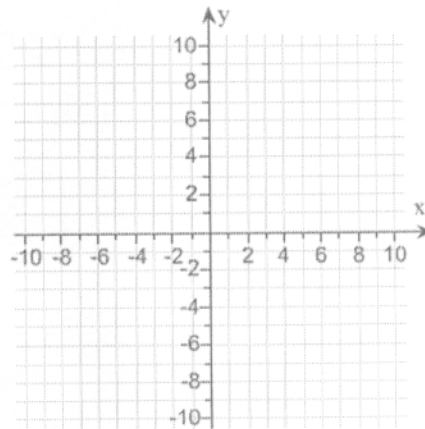
y-intercept(s) =

(Type ordered pairs. Use a comma to separate answers as needed. Type N if there are no intercepts.)

5. Graph the linear equation by finding and plotting its intercepts.

$$x - y = 1$$

Use the graphing tool to graph the equation. Use the intercepts when drawing the line. If only one intercept exists, use it and another point to draw the line.



Student: \_\_\_\_\_  
Date: \_\_\_\_\_  
Time: \_\_\_\_\_

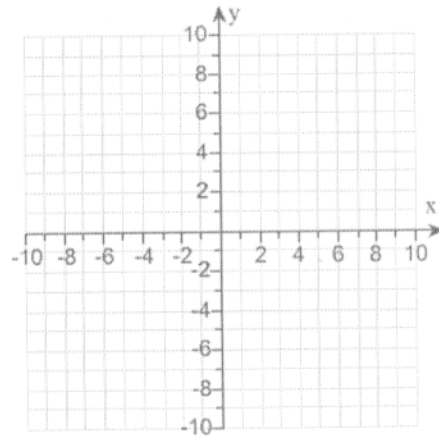
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Assignment: MAT 097 Intercepts (10.3)

6. Graph the linear equation by finding and plotting its intercepts.

$$x = -5y$$

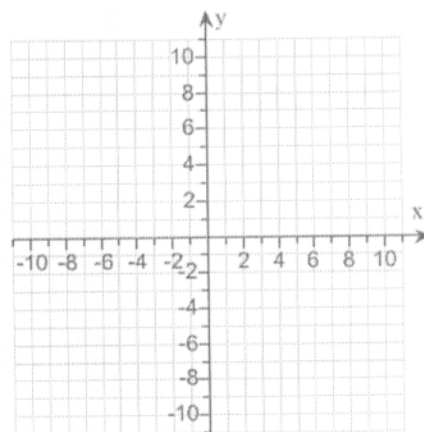
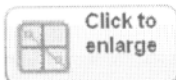
Use the graphing tool to graph the linear equation. Use the intercepts when drawing the line. If only one intercept exists, use it and another point to draw the line.



7. Graph the linear equation by finding and plotting its intercepts.

$$-x + 4y = 8$$

Use the graphing tool to graph the equation. Use the intercepts when drawing the line. If only one intercept exists, use it and another point to draw the line.



Student: \_\_\_\_\_  
Date: \_\_\_\_\_  
Time: \_\_\_\_\_

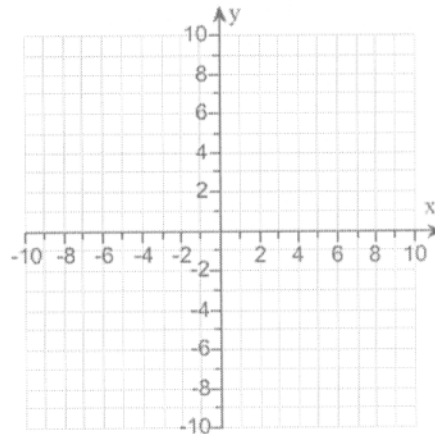
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Assignment: MAT 097 Intercepts (10.3)

8. Graph the linear equation by finding and plotting its intercepts.

$$8x + 5y = 40$$

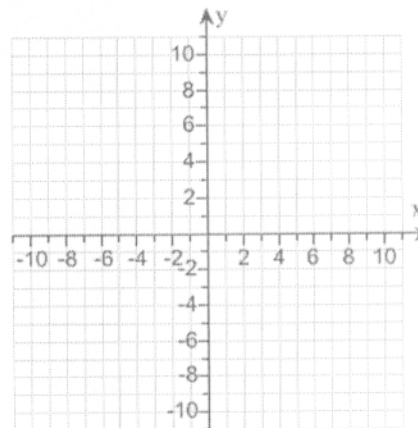
Use the graphing tool to graph the linear equation. Use the intercepts when drawing the line. If only one intercept exists, use it and another point to draw the line.



9. Graph the linear equation by finding and plotting its intercepts.

$$-3x - y = 0$$

Use the graphing tool to graph the equation. Use the intercepts when drawing the line. If only one intercept exists, use it and another point to draw the line.



Student: \_\_\_\_\_  
Date: \_\_\_\_\_  
Time: \_\_\_\_\_

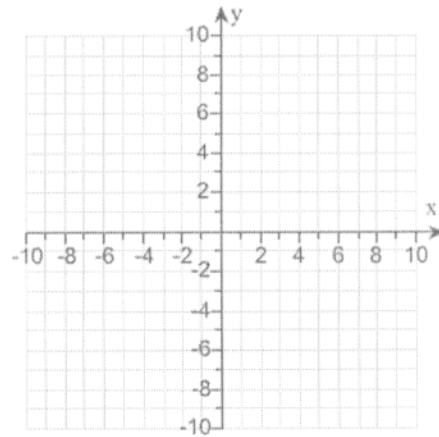
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Assignment: MAT 097 Intercepts (10.3)

10. Graph the linear equation.

$$x = -7$$

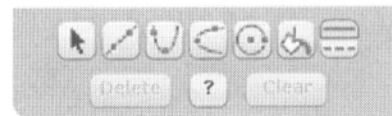
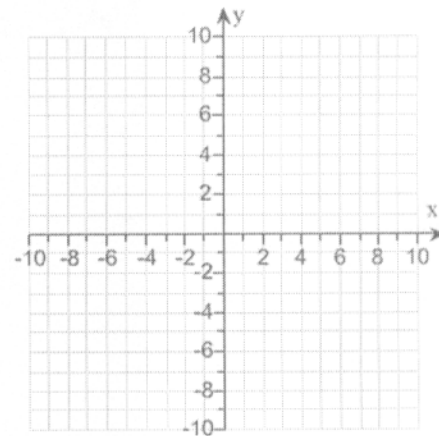
Use the graphing tool to graph the linear equation.



11. Graph the linear equation.

$$y = 4$$

Use the graphing tool to graph the linear equation.



Student: \_\_\_\_\_  
Date: \_\_\_\_\_  
Time: \_\_\_\_\_

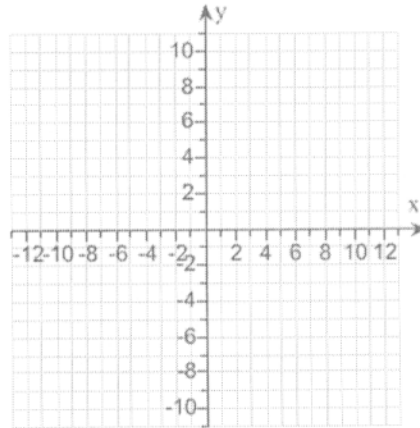
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Assignment: MAT 097 Intercepts (10.3)

12. Graph the linear equation.

$$y + 9 = 0$$

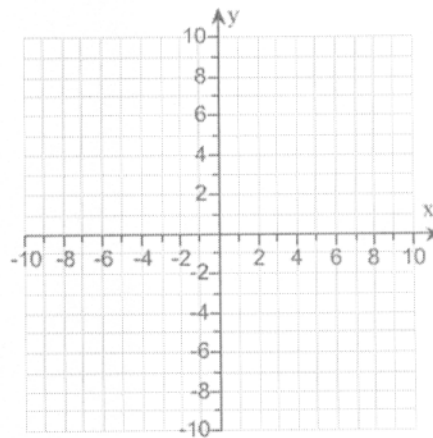
Use the graphing tool to graph the equation.



13. Graph the linear equation.

$$x - 2 = 0$$

Use the graphing tool to graph the linear equation.



Student: \_\_\_\_\_  
Date: \_\_\_\_\_  
Time: \_\_\_\_\_

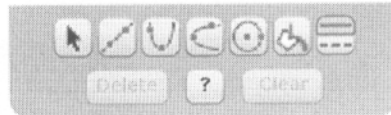
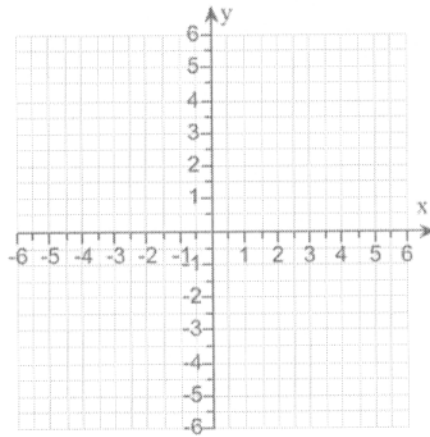
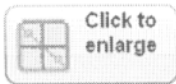
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Assignment: MAT 097 Intercepts (10.3)

14. Graph the linear equation by finding and plotting its intercepts.

$$-3 = 2x - y$$

Use the graphing tool to graph the linear equation. Use the intercepts when drawing the line. If only one intercept exists, use it and another point to draw the line.



15. Graph the linear equation.

$$y = -\frac{3}{4}x + 3$$

Use the graphing tool to graph the equation. Use the intercepts when drawing the line. If only one intercept exists, use it and another point to draw the line.

