**Explore Graphs of Linear Systems**

1. Go to [www.sascurriculumpathways.com](http://www.sascurriculumpathways.com)
2. Click on subscriber log-in.
3. Log-in using your school’s username.
4. Type in Quick Launch 1313.
5. Go down to the Grapher: Systems of Linear Equations.
6. Click on Crosshair in the Solution Test Section and move the crosshair around the graph. Watch how the solutions change as you move the crosshair. What do you notice?
7. Click on Table of Values. Go down the x-values and look at the y-values.
8. Are there any similarities?
9. Are there any similarities between the graph and the table of values?
10. Go to example 2. Answer the same questions.

a.

b.

1. Go to example 3. Answer the same questions.

a.

b.

1. Go to example 4. Answer the same questions.

a.

b.

1. Go to example 5. Answer the same questions.

a.

b.

1. Create 3 problems that demonstrate Systems of Equations. Be prepared to share and teach your problems to the class. (Use SAS Curriculum Pathways to test your problems.)



1. How do you find the solution to a system of equations?