Week Oct 21-25 on lesson overview --ALGEBRA 1B

Monday - Warmup: Dynamic Classroom (Chapter 4 Practice Test) # 1 online

Discuss the Practice Test "check" mode --- Use Review handout of the chapter 4 objectives based on pgs 238 Practice Test # 1-8, 10, 12: Complete on paper and THEN type in to check final answer. If incorrect and about 3 minutes of trying to find mistake then ask.

Tuesday - Warmup with ABC, 123, A1B2 timed activity. Then pick up with reviewing questions from last night's practice test. Use soft book Practice Test Chapter 4 pg 77 on # 1,5-12,16

Wednesday - TEST on Chapter 4

Thursday - Google Classroom post on an Edpuzzle for Graphing a System of Equations for the solution at the intersection of the lines. Covers notes for section 5.1 in our book and substitute in for Mrs. Pletcher's sick/dr. Appt day.

Friday - Google Classroom post on a worksheet from Kuta and link to youtube video for Graphing a System of Equations for the solution at the intersection of the lines. Students will watch & copy down.

Algebra Keystone Standard for the Weeks in October

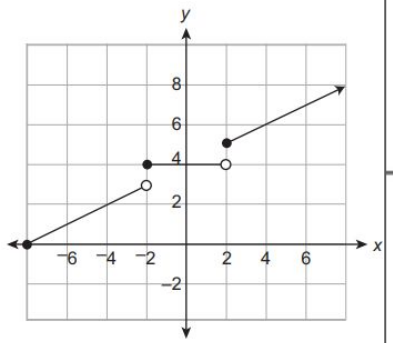
MODULE 2—Linear Functions and Data Organizations

ASSESSMENT ANCHOR
A1.2.1 Functions

Anchor Descriptor		Eligible Content		PA Core Standards
A1.2.1.1	Analyze and/or use patterns or relations.	**A1.2.1.1.1**	Analyze a set of data for the existence of a pattern and represent the pattern algebraically and/or graphically.	CC.2.2.8.C.1 CC.2.2.8.C.2 CC.2.2.HS.C.1 CC.2.2.HS.C.2 CC.2.2.HS.C.3 CC.2.4.HS.B.2
		A1.2.1.1.2	Determine whether a relation is a function, given a set of points or a graph.	
		A1.2.1.1.3	Identify the domain or range of a relation (may be presented as ordered pairs, a graph, or a table).	

Standard A1.2.1.1.3

The graph of a function is shown below.



Which value is **not** in the range of the function?

A. 0
B. 3

https://wbte.drcedirect.com/PA/portals/pa

Online Tool Tutorial --- Keystone Math try

Thurs/Fri Objectives to cover

Section 5.1: Solving Systems of Linear Equations by Graphing

Common Core State Standards: A.CED.A.3, A.REI.C.6
Learning Target: Solve linear systems by graphing.
Success Criteria

- Determine whether an ordered pair is a solution of a system.
- Graph a linear system.
- Approximate the solution of a linear system using a graph.

Vocabulary: system of linear equations, solution of a system of linear equations
Materials: graphing technology, graph paper

Solve the system by graphing.

$y = -2x + 5$ Equation 1
$y = 4x - 1$ Equation 2

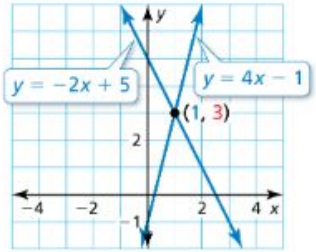
SOLUTION

Step 1 Graph each equation.

Step 2 Estimate the point of intersection.

The graphs appear to intersect at $(1, 3)$.

Step 3 Check that $(1, 3)$ is a solution of each equation.



Tell whether the ordered pair is a solution of the system of linear equations.

a. $(2, 5)$;
$x + y = 7$ Equation 1
$2x - 3y = -11$ Equation 2