Lesson Plan, **6-9pm, Thursday, 25 October, 12018 HE rm. 211**, SDCE, North City Campus
Instructor: Ms.   S. D. Jones

What is the student discount price for SD MTA monthly buss/trolley passes?

Vocabulary:
Copy into your notes, and *Mind Map* each word:

Reading Comp. Vocab.	*Grammar Vocabulary*	*Math Vocabulary*	*Test-taking Skills*
theme	independent clauses	Coordinate plane	How to read a book
annex	Define clauses/phrases	X = the run (horizontal coordinate/dimension)	1st: read the Table of Contents
intersect	Stand on its own	Y = the rise (vertical)	2ND: Skim, then read…

6pm:
Write one or two sentences explaining what you think might be the differences between the product of two numbers and the quotient of two numbers.

6:02   Continue on work from your folder (on Reading/Literature/Science/Social Studies).

7pm: Stand up & Stretch, if you wish...
 7:00 to 7:07 Reading Comprehension
 7:07 to 7:15 Grammar lecture, using the passage below.
 7:15 to 7:25 Math lecture, also using this same passage.
 7:25-7:30   We do 1st question/problem from each online worksheet together, then you finish the online activities from all lectures individually on the classroom computers.
Mathematics work online and/or in books from 7:45 until 8:45.

7:00-7:07: **Reading Comp.**:

        Today's Passage:
     international economic and military competition convinced amercian leaders that the us had to become a world power.   To do so, the country increased its trade and military presence in East Asia and Latin America. The annexing of Hawaii and the forcing of japan to open its markets to the West all played crucial roles in building an American empire.   Where economics and military intersect, war can result. (*Today's reading comes from P. 259 in Peterson's Master the HiSET, 2nd Edition …)*

        Where are the Grammatical errors in this passage?

7:07-7:15   Grammar: *defining independent clauses*

Rule: subject and a verb that can stand on its own as a sentence.
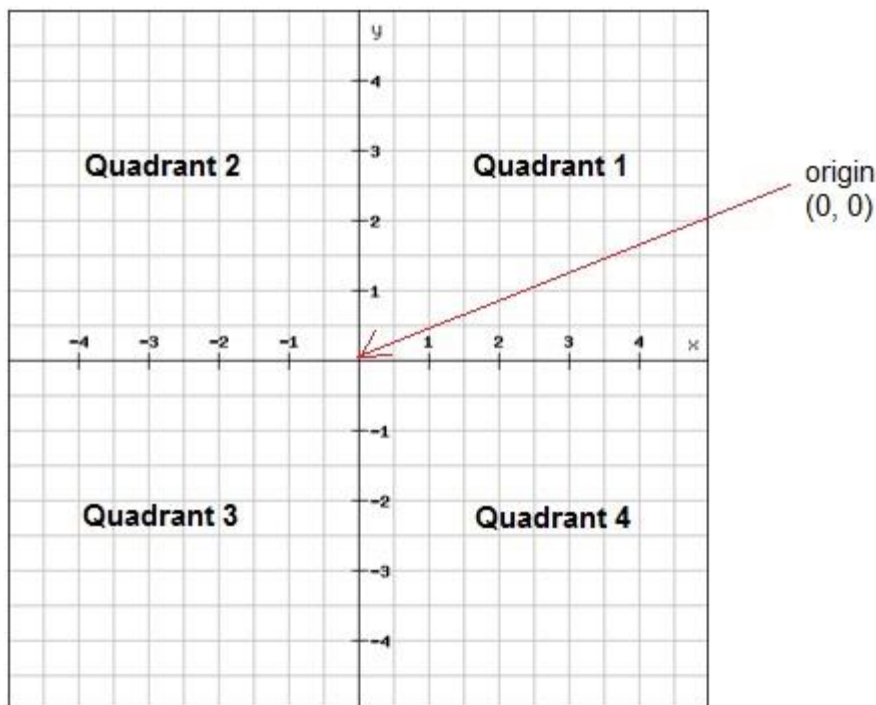For **example**: The cat sat.
                      The door closed.

Let's do the first question from our grammar activity:
https://www.khanacademy.org/humanities/grammar/syntax-sentences-and-clauses/phrases-and-cl
auses/e/dependent-and-independent-clauses

7:15   Mathematics Topic: The coordinate plane (X,Y)

"The coordinate plane. As you remember from" last week, "a coordinate plane is a two-dimensional number line where the **horizontal line is called the x-axis,** and the **vertical line is called the y-axis**. These lines are *perpendicular* and *intersect* at their zero points. This **point** is called the **origin**."

(Source:
https://www.mathplanet.com/education/algebra-1/visualizing-linear-functions/the-coordinate-plane)

Today, we'll focus on Quadrant I.   All numbers in the 1st Quadrant are positive, just like GPS coordinates.
Where would point (2,4) be located?   Why?
Where would point (3,4) be located?   Why?

Now, let's do the online math practice problem together:
https://www.khanacademy.org/math/basic-geo/basic-geo-coord-plane/coordinate-plane-quad-1/e/graphing_points

7:30

   1.) Please do the rest of our online grammar worksheet:
https://www.khanacademy.org/humanities/grammar/syntax-sentences-and-clauses/phrases-and-clauses/e/dependent-and-independent-clauses

and
   2.) Please do the remainder of online math worksheet:
https://www.khanacademy.org/math/basic-geo/basic-geo-coord-plane/coordinate-plane-quad-1/e/graphing_points

8:40   ***Exit Questions***:   1. Please **write** one sentence explaining what X,Y coordinates are. Could you use them to tell someone a location? (yes/no)

   2. Please write the square root of 81 in three forms: numerical, radical and fractional exponent forms.   (for example: the sqr of 64: 1.) 8,   2.) $\sqrt{64}$,   3.) $(64)^{1/2}$

8:45   Show Exit Questions to Ms. Jones,   Get home safely.