QUARTER 1

Math 6+

Math 6

Ms. Phillips and Ms. Connors

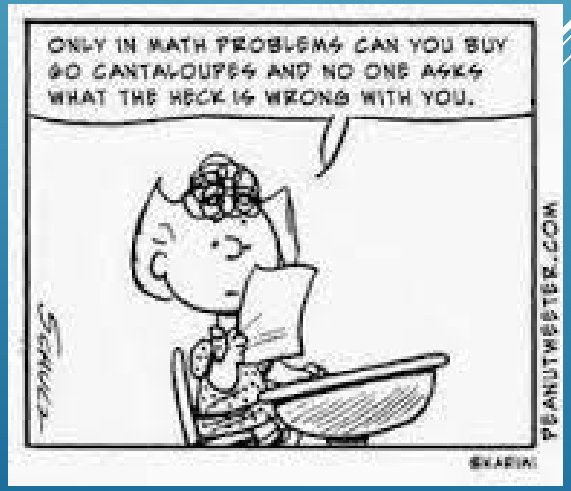
YOUR CHALLENGE…

TASK

- Select a topic
- Show what you know about Greatest Common Factor, Least Common Multiple, Decimal operations, Fraction operations, exponents and order of operations
- Do this through creating a scenario for your topic that includes the use of the math we have studied this quarter

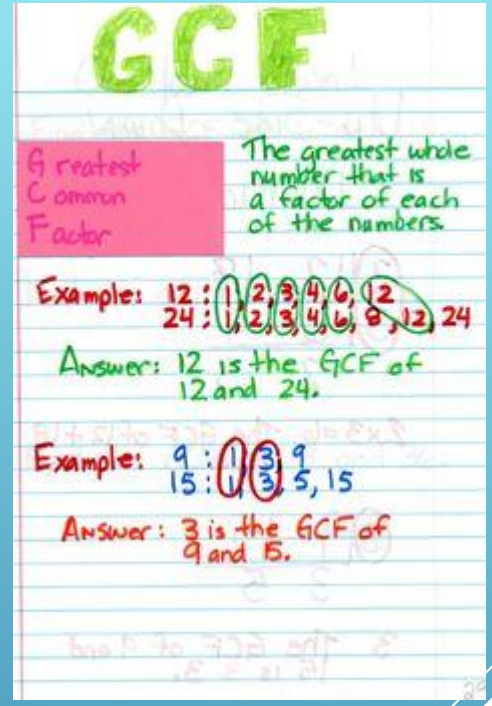
To help meet deadlines, you will

- Complete homework assignments this week to prepare for class time next week—this will be your draft
- Work with team mates next week to collaborate and prepare the final product



MATERIALS

- Materials:
- All of your notes from the units
- Notes, classwork, and homework problems as examples of each math concept
- Your team mates
- Time for homework Tuesday-Thursday this week
- Class time provided next week Mon-Tues



GRADING

- Rubric
- 4 math topics must be included to receive an A
- 3 math topics must be included to receive a B or C
- 2 math topics must be included to receive a D
  - GCF/LCM
  - Decimals
  - Fractions
  - Exponents or Order of Operations

Student Name: _____

CATEGORY	4	3	2	1
Mathematical Concepts	Explanation shows complete understanding of the mathematical concepts used to	Explanation shows substantial understanding of the mathematical concepts used to	Explanation shows some understanding of the mathematical concepts needed to	Explanation shows very limited understanding of the underlying concepts needed to
Mathematical Errors	90-100% of the steps and solutions have no mathematical errors.	Almost all (85-89%) of the steps and solutions have no mathematical errors.	Most (75-84%) of the steps and solutions have no mathematical errors.	More than 75% of the steps and solutions have mathematical errors.
Mathematical Terminology and Notation	Correct terminology and notation are always used, making it easy to understand what	Correct terminology and notation are usually used, making it fairly easy to understand what	Correct terminology and notation are used, but it is sometimes not easy to understand what	There is little use, or a lot of inappropriate use, of terminology and notation.
Explanation	Explanation is detailed and clear.	Explanation is clear.	Explanation is a little difficult to understand, but includes critical components.	Explanation is difficult to understand and is missing several components OR was
Neatness and Organization	The work is presented in a neat, clear, organized fashion that is easy to read.	The work is presented in a neat and organized fashion that is usually easy to	The work is presented in an organized fashion but may be hard to read at times.	The work appears sloppy and unorganized. It is hard to know what information goes

RUBRIC

- Event/Party Planner
- Florist
- Sports—baseball, football, basketb
- Gardner

This is personal think time…

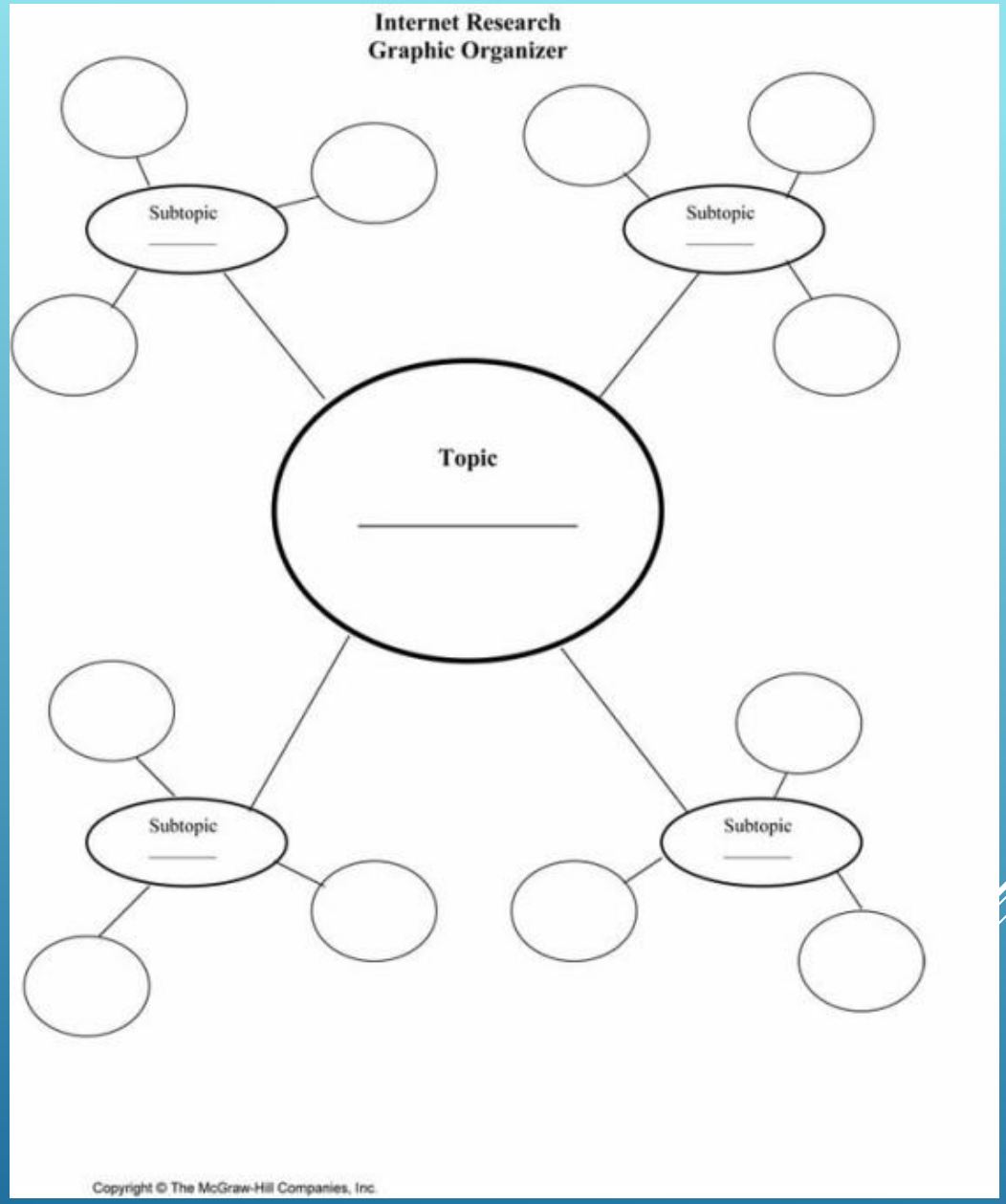
PICK A TOPIC…

https://Mind Mapping Strategy

BRAINSTORM WITH OTHERS

Brainstorming

- Individual think time
- Four corners
- Brainstorm – graphic organizer handout
- 4 colors



NEXT STEPS

- Brainstorming is a process that may continue even after you leave here today
- Add to your mind map as you think of things after this session
- Within your group, pick a partner that you would like to work with during class sessions to complete this task
- Spend five minutes comparing mind maps, adding and/or deleting ideas
- Tomorrow night your homework begins

Questions????