Homework 3/14/22

Reading Homework:

Soaring into Space



Space shuttles go back and forth between Earth and space. The first one flew on April 12, 1981. A space shuttle has four main parts. They are the orbiter, the fuel tank, and two rocket boosters.

The orbiter looks like an airplane. It carries the crew. A huge tank is attached to the orbiter. It holds the fuel for the orbiter's engines. A rocket booster is on each side of the tank. These fire on liftoff. In two minutes, the rockets run out of fuel and fall off. Parachutes slow their drop to the sea. Then boats tow them to shore. Rockets can be used as many as 20 times. The big tank runs out of fuel in eight minutes. It falls and breaks apart over the sea. Now the orbiter enters its orbit.

There may be up to seven crew members on board the orbiter. They do tests. They might launch satellites. In 1999, a shuttle went up to fix the Hubble telescope. The Hubble is as big as a bus. The shuttle caught it. The telescope was held in the cargo bay. That's an open space like the back of a pickup truck. The crew worked out in space to make repairs. They wore space suits. They were attached to the shuttle by a long line. A robot arm put the Hubble back in orbit.

When it's time to come home, the orbiter's engines fire. This slows the shuttle and it drops from orbit. Tiles protect the shuttle from heat caused by entering Earth's atmosphere. The shuttle then acts like an airplane. It glides to a landing on a runway.

LIVEWORKSHEETS

1.) Complete these notes by selecting TWO correct answers.

	The Parts of a Space Shuttle
	• a huge fuel tank
	• the orbiter looks like an airplane
	•
	•

parachutes to slow the fall of the boosters	Hubble telescope
two rocket boosters	large boats

LIVEWORKSHEETS

Writing Homework:

Directions: Pretend that you have found a four-leaf clover that will bring you extraordinary good luck for exactly one day. Write about your lucky day.

LIVEWORKSHEETS

Math Homework:

1. Which shows these fractions ordered from least to greatest.

$$\frac{5}{6}, \frac{4}{3}, \frac{7}{8}$$

a. $\frac{5}{6}, \frac{7}{8}, \frac{4}{3}$	**b.** $\frac{4}{3}, \frac{7}{8}, \frac{5}{6}$
c. $\frac{7}{8}, \frac{5}{6}, \frac{4}{3}$	**d.** $\frac{4}{3}, \frac{5}{6}, \frac{7}{8}$

2. Solve for the sum of $\frac{1}{2}$ and $\frac{4}{5}$. *Remember all answers must be in simplest form - look at your notes*

a. $1\frac{1}{2}$	**b.** $\frac{5}{7}$
c. $\frac{3}{10}$	**d.** $1\frac{3}{10}$

LIVEWORKSHEETS

3. Complete the input/output table following the rule. Drag your answers to the correct box.

Rule: Multiply by 6	
Input	Output
3	
	30
8	
	72

5	12	18	48	180	432

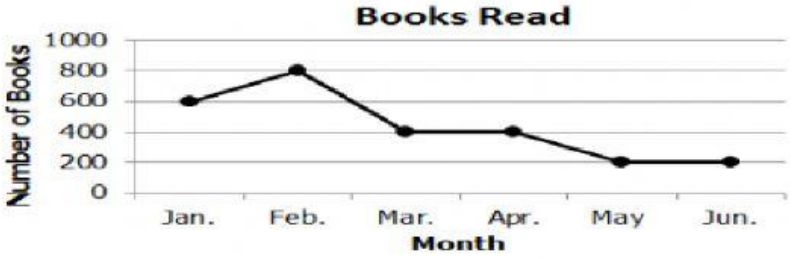
LIVEWORKSHEETS

4. A jar contains these marbles –

- 5 blue marbles
- 4 red marbles
- 2 orange marbles
- 4 yellow marbles

All the marbles are the same size. Justin will choose 1 marble from this jar without looking. It is most likely that Justin will choose a Choose... marble from this jar.

Blue
Red
Orange
Yellow



5. According to the information in the graph, between which two months was there the biggest decrease in books read?

a. March and April	b. January and February
c. May and June	d. February and March

LIVEWORKSHEETS

Virginia Studies Homework:

>>>>>>>>>>>>>>>>>>> the American Revolution

What would this member of the British Parliament likely say?



Local assemblies have legal authority in the colonies!

We have legal authority in the colonies!

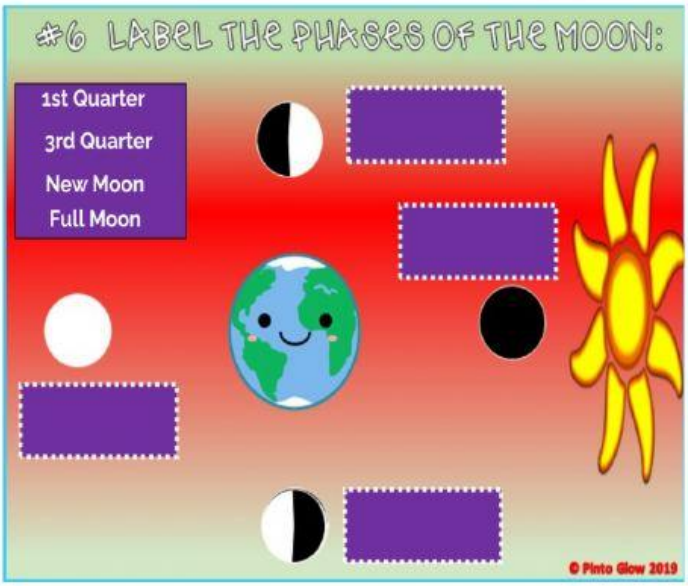
>>>>>>>>>>>>>>>>>>> the American Revolution

The Revolutionary War ended with the Treaty of _____ in _____.

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LIVEWORKSHEETS

Science Homework:





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