# Satellite Learning Sheet
## Thursday, January 22nd

| SLS Completion Grade Teacher Use Only | Student Score |
|---|---|
| 3 | All work was completed and initialed. |
| 2 | Some work missing or incomplete. |
| 1 | SLS work not completed. |

**Student's Name:** _____

| | |
|---|---|
| **MEMO** | A reminder from CMPA admin: Please remember to email attendance@calvarymeridianprep.org for when your child will be absent from school for any reason. |
| **Parent Initials** | **MEMORY VERSE / BIBLE** |
| | **Practice the Weekly Verse:** "God called the light Day, and the darkness He called Night. So the evening and the morning were the first day." — Genesis 1:5<br><br>**Bible Question:** We have been following Paul's missionary journey in Acts. Give your parents a summary of what you have learned so far. |
| | **READING / LANGUAGE ARTS** |
| | **The Lion, The Witch, and The Wardrobe:**<br>Read Chapter 13 and answer the comprehension questions (don't forget to use complete sentences).<br>**ELA:** Daily Language Arts 18.5 (Seesaw)<br>**Spelling:** Practice your spelling words for the test tomorrow.<br>**Book Report:** Continue working on your report (Due February 17th) |
| | **MATH** |
| | **Finish Classwork:** Fraction Mystery – Forgetful Pharaoh<br>- Finish your Forgetful Pharaoh Mystery in Google Classroom<br>- Complete the fraction problems on the back of your SLS sheet or on a scratch piece of paper.<br>- Use the clues and the "Possible Places" list to solve the mystery.<br>**Dividing Fractions:**<br>- Divide the fractions using "keep, change, flip" |
| | **SOCIAL STUDIES** |
| | **The Revolutionary Road to Freedom (American Revolution Linktivity):** Page 1<br>- Find the Linktivity Link in Seesaw<br>- Use the Linktivity to fill out the first page<br>(Battles of Lexington and Concord and The Second Continental Congress) |
| | **SCIENCE** |
| | **Why do we weigh more on the Earth than on the moon?** Page 106-107<br>- Read the information and answer the questions (do both sides)<br>**Egg Drop Experiment:** Due Friday, January 30th<br>- Continue working on your egg container.<br>*If you misplaced your directions, you can find them here: atkinsclass.com/projects* |

## Chapter Thirteen: Deep Magic From the Dawn of Time

1) Why do the dwarf and White Witch want to keep Edmund at the beginning of the chapter?

_____

_____

_____

2) How does the White Witch use her magic to escape Aslan's rescue team?

_____

_____

_____

_____

3) Infer: What do you think Aslan might have told Edmund in private? (Remember he told the other children not to discuss Edmund's poor choices).

_____

_____

_____

_____

4) Predict: How might Aslan have gotten the White Witch to renounce her claim on Edmund?

_____

_____

_____

Multiple Choice Questions:

| What condition does Aslan make before meeting the White Witch? | Who did Aslan send to communicate with the witch and dwarf? |
|---|---|
| A. The Witch must let Peter and Edmund reconnect.<br>B. She must leave her wand behind a tree.<br>C. She must keep her hands in Aslan's sight.<br>D. She must come alone to meet him. | A. Edmund and Peter<br>B. Mr. and Mrs. Beaver<br>C. Susan and Lucy<br>D. Two leopards |

# Dividing Fractions

**Example:** $\frac{4}{7} \div \frac{2}{3} = \frac{4}{7} \times \frac{3}{2}$

$\underset{\text{reciprocals}}{\underbrace{\qquad\qquad}}$

Dividing by a number is the same as multiplying by its reciprocal.

$\frac{4}{7} \times \frac{3}{2} = \frac{12}{14} = \frac{6}{7}$

**a.** $\frac{3}{8} \div \frac{4}{5}$

**b.** $\frac{3}{5} \div \frac{1}{3}$

**c.** $\frac{4}{9} \div \frac{1}{5}$

**d.** $4 \div \frac{6}{7}$

**e.** $\frac{1}{5} \div \frac{5}{8}$

**f.** $\frac{3}{5} \div \frac{7}{8}$

**g.** $\frac{3}{5} \div \frac{2}{3}$

**h.** $\frac{8}{9} \div \frac{4}{5}$

**i.** $\frac{7}{9} \div \frac{1}{2}$

**j.** $7 \div \frac{7}{8}$

**k.** $\frac{3}{7} \div \frac{4}{5}$

**l.** $\frac{2}{3} \div \frac{8}{9}$

# ANSWER KEY

## Dividing Fractions

**Example:**

$$\frac{4}{7} \div \frac{2}{3} = \frac{4}{7} \times \frac{3}{2}$$

$$\underset{\text{reciprocals}}{\underbrace{\qquad\qquad}}$$

Dividing by a number is the same as multiplying by its reciprocal.

$$\frac{4}{7} \times \frac{3}{2} = \frac{12}{14} = \frac{6}{7}$$

**a.** $\frac{3}{8} \div \frac{4}{5}$

$\frac{3}{8} \times \frac{5}{4} = \frac{15}{32}$

**b.** $\frac{3}{5} \div \frac{1}{3}$

$\frac{3}{5} \times \frac{3}{1} = \frac{9}{5} = 1\frac{4}{5}$

**c.** $\frac{4}{9} \div \frac{1}{5}$

$\frac{4}{9} \times \frac{5}{1} = \frac{20}{9} = 2\frac{2}{9}$

**d.** $4 \div \frac{6}{7}$

$\frac{4}{1} \times \frac{7}{6} = \frac{28}{6} = 4\frac{4}{6} = 4\frac{2}{3}$

**e.** $\frac{1}{5} \div \frac{5}{8}$

$\frac{1}{5} \times \frac{8}{5} = \frac{8}{25}$

**f.** $\frac{3}{5} \div \frac{7}{8}$

$\frac{3}{5} \times \frac{8}{7} = \frac{24}{35}$

**g.** $\frac{3}{5} \div \frac{2}{3}$

$\frac{3}{5} \times \frac{3}{2} = \frac{9}{10}$

**h.** $\frac{8}{9} \div \frac{4}{5}$

$\frac{8}{9} \times \frac{5}{4} = \frac{40}{36} = 1\frac{4}{36} = 1\frac{1}{9}$

**i.** $\frac{7}{9} \div \frac{1}{2}$

$\frac{7}{9} \times \frac{2}{1} = \frac{14}{9} = 1\frac{5}{9}$

**j.** $7 \div \frac{7}{8}$

$\frac{7}{1} \times \frac{8}{7} = \frac{56}{7} = 8$

**k.** $\frac{3}{7} \div \frac{4}{5}$

$\frac{3}{7} \times \frac{5}{4} = \frac{15}{28}$

**l.** $\frac{2}{3} \div \frac{8}{9}$

$\frac{2}{3} \times \frac{9}{8} = \frac{18}{24} = \frac{3}{4}$

# The Battles of
# Lexington & Concord

*Label Lexington and Concord on the map with a star for each location.*

**Massachusetts**
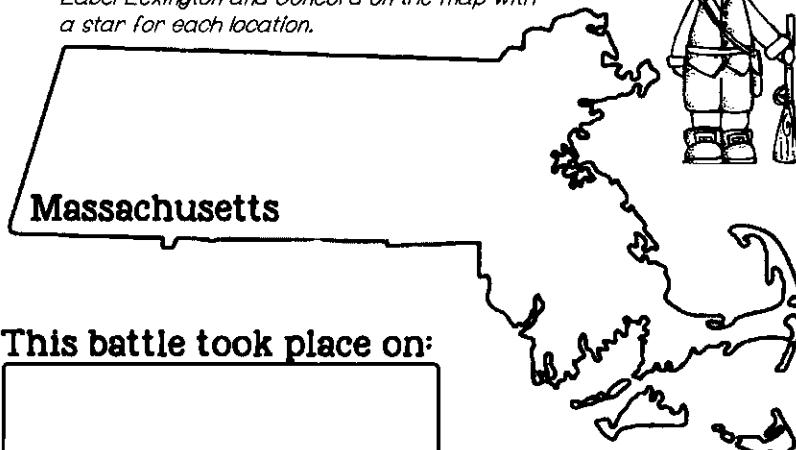
**This battle took place on:**

**People/groups involved:**

**Who Won?**

**Why did this battle occur?**

**Other interesting facts:**

**This event took place on:**

**People/groups involved:**

**The purpose of this event was to:**

**Other interesting facts:**

**Pennsylvania**

*Locate Philadelphia on the map with a star.*
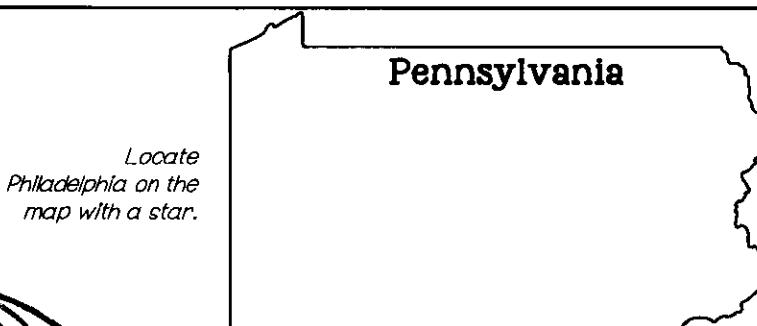
# The Second
# Continental Congress

## The War Begins

*Weekly Question*

**Day 4**

# Why do we weigh more on Earth than on the moon?

**Big Idea 4**

**WEEK 1**

Remember that all objects in the universe have gravity. Every object's gravitational force is different, depending on its mass. That means that your weight would be different on any planet or star.

If a person who weighed 150 pounds on Earth stepped onto a neutron star, he would weigh 21 trillion pounds! A neutron star is a star that has about the same mass as our sun, but is much smaller. All of its mass is concentrated into an area the size of San Francisco. If the 150-pound person were to set foot on Phobos, a tiny moon of Mars, his weight would barely register. That's because Phobos has very little mass, although it, too, is about the size of San Francisco.

**A.** The chart below shows approximately how much a 150-pound person on Earth would weigh on each planet in our solar system. Use the chart to answer the questions.

| Mercury | 57 lbs | Jupiter | 381 lbs |
|---------|--------|---------|---------|
| Venus | 137 lbs | Saturn | 140 lbs |
| Earth | 150 lbs | Uranus | 120 lbs |
| Mars | 57 lbs | Neptune | 180 lbs |

1. On which planet would you weigh the closest to what you weigh on Earth? _____

2. Which planet exerts the strongest gravitational force? _____

3. On which two planets is gravity the weakest? _____

**B.** Which of the following statements are true? Check all that apply.

☐ The size of an object determines how much mass it has.

☐ An object's mass determines its gravitational force.

☐ The farther a planet is from the sun, the less gravity the planet has.

☐ The gravitational force of Phobos is weaker than the gravitational force of a neutron star.

*Weekly Question*

**Day 5** **Why do we weigh more on Earth than on the moon?**

**Big Idea 4**

**Daily Science**

**WEEK 1**

**A.** Use the words in the box to complete the sentences.

> gravitational force    mass    weight

1. The _____ exerted by Earth keeps the moon in orbit around us.

2. An object's _____ would be different on Mars than it would be on Jupiter.

3. A feather is bigger than a marble but has less _____.

**B.** Answer the questions.

1. What is the difference between mass and weight?

_____

_____

2. Why don't we notice a difference between mass and weight on Earth?

_____

_____

**C.** What are two factors that determine an object's gravitational force on another object?

1. _____

2. _____