



Satellite Learning Sheet

Thursday, December 11th

Satellite Work Completion Grade

3	All assignments were completed and turned in on time.
2	Some assignments were missing, incomplete, or turned in late.
1	No assignments were completed.

Student's Name: _____

MEMO	Christmas Reminders: <ol style="list-style-type: none"> Program Times: Wednesday, December 17th Morning Show – 8:40 am Afternoon Show – 3:30 pm Late Dismissal: Wednesday, December 17th at 4:20 pm (following the Christmas Program) in the downstairs hallway. Class Party: December 19th (Volunteers can sign up using the link in the Monday Memo) Light Show Practice: Students are encouraged to practice the light show choreography at home if they have time.
	Parent Initials
MEMORY VERSE / BIBLE <u>Practice the Weekly Verse:</u> Luke 2:11-14 (See Newsletter) Discussion Questions: How can we give “glory to God” in our own lives today? Challenge: Why is it important that Jesus was born in the city of David? (Micah 5:2, Jeremiah 23:5–6)	
READING / LANGUAGE ARTS / WRITING <u>City of Ember:</u> <ul style="list-style-type: none"> Read the second half of chapter 20 Complete <u>The Last Message</u> reading comprehension sheet ELA: Daily Language Arts 15.5 (Seesaw) Spelling: Study your spelling words. Book Report: Keep reading your book report book and filling out your report as you read.	
MATH <u>Subtracting Fractions and Mixed Numbers:</u> <ul style="list-style-type: none"> Complete the problems in the <u>Subtracting Fractions Trifold</u> If you get stuck, read through the first trifold page or reference the weekly math slides (sent in the Monday Memo) 	
SOCIAL STUDIES <u>French and Indian War</u> Seesaw + Worksheet <ul style="list-style-type: none"> Use the information on Seesaw to fill in the blanks on your worksheet. 	
SCIENCE <u>Compare and Contrast Chemical and Physical Changes</u> <ul style="list-style-type: none"> Read the similarities and differences between physical and chemical changes Fill in the Venn Diagram 	

Parent Comments (questions/concerns):

THE LAST MESSAGE



CHAPTER SUMMARY

1. The recorder is among _____ old people selected to ensure humans don't disappear in a disaster. They are given _____ to raise without any knowledge of the world and bussed to the entrance. Below, motorboats will take them away and _____ will tell a future generation the way out.
2. Lina spots a possible _____, but they don't know if they're alone. They watch a creature, eat fruit, and find a cave in the hillside leading to a chasm with _____ below. Lina throws down Doon's shirt with Clary's note in it, which is found by _____.

COMPREHENSION

4. _____ True or False: It's against the rules to make a record of going underground, but the woman did it anyway.
5. Why was this woman selected to train for this mission?

6. After watching the creature, Doon is convinced that _____.
 - a. they need to reach Ember through the Unknown Regions
 - b. a disaster wiped out the world's population, as predicted
 - c. it's a fox getting a plum
 - d. they belong in the world above ground

5. Find the difference.

$$\frac{10}{3} - \frac{7}{4} =$$

Show Your Work:

6. Find the difference.

$$7\frac{9}{10} - \frac{4}{5} =$$

7. Find the missing value in the equation.

$$\frac{2}{3} - \frac{3}{?} = \frac{5}{21}$$

?

8. A student's work subtracting fractions is shown below. Is the work correct? If not, what mistake was made?

$$2\frac{5}{6} - \frac{1}{3} = 2\frac{4}{3}$$

Subtracting Fractions TRI-FOLD #2

Name: _____

Learning Goal:

I can subtract fractions with unlike denominators (including mixed numbers).

To **subtract mixed fractions**, they must have a **common denominator**.

$$1\frac{1}{2} - \frac{1}{3} = ?$$

They can be converted mathematically to equivalent fractions.

$$1\frac{1 \times 3}{2 \times 3} - \frac{1 \times 2}{3 \times 2} =$$

$$1\frac{3}{6} - \frac{2}{6} = 1\frac{1}{6}$$

You may need to **decompose** whole numbers in order to subtract **mixed numbers**.

$$4\frac{1}{5} - \frac{7}{10} = ?$$

First, find common denominators.

$$4\frac{1 \times 2}{5 \times 2} - \frac{7}{10} =$$

$$4\frac{2}{10} - \frac{7}{10} =$$

Next, decompose one whole.

$$4\frac{2}{10} - \frac{7}{10}$$

$$3\frac{10}{10} + \frac{2}{10}$$

Find the difference.

$$3\frac{12}{10} - \frac{7}{10} = \boxed{} =$$

1. Find the difference.

$$\frac{18}{12} - \frac{5}{12} =$$

Show Your Work:

3. Find the difference.

$$5\frac{3}{8} - \frac{10}{4} =$$

Show Your Work:

2. Find the difference.

$$2\frac{1}{3} - \frac{5}{6} =$$

Show Your Work:

4. Find the difference.

$$5\frac{3}{4} - \frac{4}{5} =$$

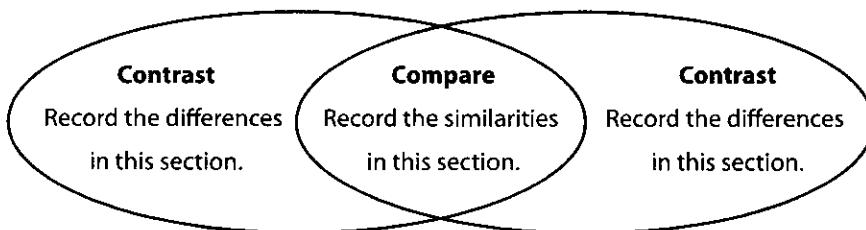
Show Your Work:

Name: _____

Date: _____

Compare and Contrast: Chemical and Physical Changes

*When we **compare** and **contrast**, we look for the similarities and differences.



Directions: Using two informational texts on the same topic, complete the graphic organizer.

In science, it is important to know the difference between **chemical** and **physical** changes. Sometimes it can be hard to know the difference, but other times the changes are obvious.

Chemical Changes

A chemical change is a change to matter. There is a change in energy. It is when matter changes into a new substance and cannot change back into its original form. When a tree burns and releases energy as heat, a chemical change has occurred.

We usually can not see chemical changes. Sometimes the changes can be seen. That is not the only thing we should look for, though. When things rust, cook, mold, or become ripe, they are going through a chemical change. These are changes that can not be reversed.

Some examples of chemical changes include:

- cake mix bakes in the oven
- a dog's body turns food into energy
- apple pieces turn brown

Physical Changes

A physical change is a change to matter. There is a change in energy. It is when matter temporarily changes states and can change back to its original state. For example, when water is frozen to ice, that is a physical change.

We can usually see physical changes. When ice melts, we can see the matter changing from a solid into the liquid water. When we color with a crayon, we can see the difference in the size of the crayon. We can also see that the crayon is a different shape after it has been used. It is still a crayon, though.

Some examples of physical changes include:

- aluminum foil is crumpled into a ball
- a glass bottle breaks
- a piece of lumber is sawed in half

Chemical Changes

Physical Changes



Name: _____

FRENCH & INDIAN WAR

France vs. Great Britain

The _____ and _____ War was a major war fought in the _____ Colonies between _____ and _____. From the name of the war, you would probably guess that the French fought the Indians during the French and Indian War. The main _____ in the war were the _____ and the _____. Both sides had American Indian allies.



How It All Began

It all started around 1750. The thirteen _____ colonies were thriving. The land to the _____ was controlled by _____. Most of the French land was still wilderness, and their _____ revolved around _____ with American _____.

Traders!

The _____ grew _____ when _____ colonists began trading with the _____ of the Ohio River Valley. The French wanted to control all the trade in their territory.

And then...

On top of interfering with French fur trading, _____ colonists began _____ farther _____ into French territory. The British colonists were looking for new land and opportunities. This made the _____ colonist _____!

French Fight Back

The _____ built _____ and told American Indians to raid British settlers. They hoped this would scare the British into leaving. The French colonists also _____ several _____ trading posts and destroyed American Indian villages that traded with the British.

British Take Over

Soon, _____ settlers were taking over some of the good, _____ land for farming. The _____ believed they had the right to this _____ since their explorers had been their _____.

Fighting Back

Great Britain's king ordered the colonists to form an army and fight back! The _____ colonist formed an army led by George _____. George Washington asked the _____ to _____ the territory. The French _____.