

Cohen Middle School  
100 Robinwood Avenue  
Elmira Heights, NY 14903  
734-5078

Name: \_\_\_\_\_ Date: January 21, 2020 \_\_\_\_\_

<b>Math:</b>	% Finding the Part  Warm up dec → fraction → % notes = hmwk wkshk.
<b>Social Studies:</b>	-Go over materials from last 2 weeks  <b>HW: Mahabharata</b>
<b>ELA:</b>	Daily Warm Up Food Trade Project  Hw: Finish Food Trade Quiz - Tomorrow
<b>Science</b>	① Print Severe Weather Disaster NB ② Score your NB (Rubric Attached) ③ Create Project Triorama (Follow Directions Last Page DUE THURSDAY
<b>Computer Apps/ Technology</b>	Beginning of class



Name: \_\_\_\_\_

## Mahabharata

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Mahabharata (pronounced "*ma-haa-BHAAR-a-ta*") is the world's longest poem. Altogether, it has 18 sections and 220,000 lines! This great piece of work is from India. It tells the story of a royal family's struggle over power. The story goes like this:

A long, long time ago, there was a kingdom in India called Bharata ("*BHAR-a-ta*"). The king of Bharata had two sons, Dhritarashtra ("*dhri-ta-RAASH-tra*") and Pandu ("*PAAN-doo*"). Dhritarashtra was the eldest of the two. He was supposed to be the next king. But because he was blind, he could not take the throne. His brother became the next king.

Dhritarashtra was married to Gandhari ("*gaan-DHAAR-ee*"). The couple had one hundred sons in all! Collectively, their offspring were called the Kauravas.

Pandu had two wives, Kunti and Madri. Kunti bore him three sons, and Madri two. Together, the five sons were called the Pandavas.

One day while hunting, Pandu killed a sage's wife by accident. The sage was very angry. He placed a curse on Pandu and killed him. Pandu's death shattered his second wife, Madri. She killed herself and left her two sons to the care of Kunti. Kunti took the five boys back to Bharata. Now with everybody together, the new king (Dhritarashtra) asked his uncle, Bhishma ("*BHEESH-ma*"), to supervise the upbringing of the princes. Bhishma then hired Drona ("*DROE-na*") as the boys' tutor. Drona was a good teacher. He taught the kids the art of archery. He taught them how to fight.

Under Drona's guidance, it soon became clear that the Pandavas were smarter and stronger than the Kauravas. The Kauravas were jealous. They wanted to get rid of their five cousins and aunt. One day, they came up with an evil plan. They wanted to lure the Pandavas and Kunti to a palace and set the place on fire! Luckily, the Pandavas got wind of the evil plan before they departed. They dug a secret tunnel and escaped the fire just in time. Afraid that the Kauravas would try to kill them again, the Pandavas and Kunti fled. They put on disguises and traveled from one kingdom to another. Everybody thought Kunti and the five boys died in the fire.

During their time abroad, the Pandavas heard about a contest held in the kingdom of Panchal. The rule was simple: whoever could shoot an arrow into a moving target could marry the beautiful princess, Draupadi ("*DRAO-pa-dee*"). Many people tried. But none succeeded. At last, it was Arjuna's turn. He calmly walked up to the platform, took aim, and released the arrow. He hit the bull's eye! Everybody there congratulated the winner and discovered that he was actually one of the Pandavas. Now with their secrets out, Kunti, the five princes, and Draupadi all returned to Bharata.

Dhritarashtra was very happy to see them. Though he welcomed them with open arms, he knew that his sons

Name: \_\_\_\_\_

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did not get along with the Pandavas. At the urging of Bhishma, the king decided to split his kingdom into two parts. He gave one half to the Kauravas and the other half to the Pandavas. The eldest of both clans became the rulers of the new nations.

Despite his father's best effort, Duryodhana ("*dur-YODH-ana*"), the eldest of the Kauravas, was not happy. He did not want the kingdom to be split in two. He wanted it all to himself! So he devised a devious plan. He set up a game of dice and asked his cunning uncle, Sakuni, to play on his behalf. He then openly challenged Yudhishtira ("*yu-DHISH-thir-a*"), the eldest of the Pandavas, to join the game. Of course, Yudhishtira did not know the game was a set-up. He lost every hand! He first lost his necklace, then all the jewelries, brothers, the nation, and finally, Draupadi! Pleased with his victories, Duryodhana asked his younger brother to go and get Draupadi. He wanted to embarrass her. He wanted to make her a servant!

Just as the Kauravas were dragging Draupadi to the court, she cried out for help. Krishna, the divine god, was a good friend of the Pandavas. He intervened. Dhritarashtra was horrified! He begged the god for forgiveness. He promised that he would look into the matter. He also promised that he would have Duryodhana return to the Pandavas everything they had lost.

Duryodhana obeyed his father reluctantly. He freed his cousins and Draupadi, and gave them back the necklace, all the jewelries, and the nation. After the Pandavas left, Duryodhana had a second thought. With much persuasion, he talked his father into inviting Yudhishtira for another game of dice. Yudhishtira accepted the invitation. He came back and played with Sakuni again. And he lost again! This time, the wager was different. Instead of asking for the land, Duryodhana demanded the Pandavas go into exile for thirteen years. He demanded that they remain undiscovered during their last year of exile. If they were discovered, the Pandavas must go into exile again for another round of thirteen years. Depending on their hiding skills, this punishment could go on forever!

Yudhishtira accepted the terms. He, his four brothers, and Draupadi moved to live in a forest. During their first twelve years in the forest, they visited many holy places. They befriended several gods. In the thirteenth year, the Pandavas and Draupadi left the forest and went into hiding. They went to the kingdom of Viratas and worked as servants in the king's palace. Duryodhana looked for them everywhere. But he could not find them. Just as he was about to give up, he got a big break.

Duryodhana heard about a tragedy in the kingdom of Viratas: the king's brother-in-law was recently murdered! Right away, he suspected that this must be the work of his cousins. He was right! As it turned out, the king's brother-in-law was very interested in Draupadi though he knew that she was already married. He kept harassing her. He kept pressing her to marry him. When Draupadi could not take his advances any more, she told Bheem, one of the Pandavas. Bheem was very angry. He killed the king's brother-in-law that very night! The event gave away their whereabouts.

Name: \_\_\_\_\_

Duryodhana led his troops and attacked the kingdom of Viratas. The Pandavas took part in the battle. But when they were found out, the time limit of thirteen years had already expired. Now with the wager no longer valid, Yudhishtira wanted his nation back. He and the rest of his family members all wanted to live in peace. But things did not go as planned. Duryodhana rejected the claim flat-out and, thus, forced the Pandavas to declare war. The two sides fought at Kurukshetra. In the end, justice prevailed. The Pandvas won and killed all the Kauravas. Yudhishtira finally became the king. He united the two nations into one. He ruled it for 36 years. When he died, he went to heaven.

Mahabharata

## Questions

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- \_\_\_\_\_ 1. Where did the story of Mahabharata take place?
- Greece
  - India
  - Japan
  - China
- \_\_\_\_\_ 2. Who saved Draupadi from Duryodhana's humiliation?
- Bhishma
  - Krishna
  - Arjuna
  - Bheem
- \_\_\_\_\_ 3. How many years did Yudhishtir go into exile?
- 13
  - 12
  - 14
  - 15
- \_\_\_\_\_ 4. How many princes did the kingdom of Bharata have altogether?
- 100
  - 110
  - 115
  - 105
- \_\_\_\_\_ 5. What did Dhritarashtra do when he realized that Kunti and the five boys were not dead?
- He sent them into exile.
  - He welcomed them back.
  - He killed them.
  - He hid them.
- \_\_\_\_\_ 6. Who won the archery contest in the kingdom of Panchal?
- Arjuna
  - Drona
  - Bhishma
  - Bheem

**Name:** \_\_\_\_\_

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- \_\_\_\_\_ 7. Which of the following about Mahabharata is correct?
- A. It is the longest poem in the world!
  - B. It has 16 sections.
  - C. It is the love story of Romeo and Juliet.
  - D. It has 20,000 lines.
- \_\_\_\_\_ 8. What did Duryodhana do when Yudhishtira came to claim his nation?
- A. He accepted the claim.
  - B. He rejected the claim.

Name \_\_\_\_\_

Class Period \_\_\_\_\_

**ELA 6 WARM UP**

**Week of 1/21/20**

**Be a learner not a finisher.**

**Monday Mistakes**

Correct the sentence and rewrite it below: **NO SCHOOL – Martin Luther King Jr. Day**

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**Tuesday Terms**

Read the word and definition. Write a sentence that uses the word correctly and draw a quick sketch that will help you remember the word.

Word: <b>compassion</b>	Definition: <b>concern for the sufferings or misfortunes of others</b>
Sentence: _____ _____ _____	Sketch:     

**Wednesday Word Ladder**

Flip the paper over and complete the word ladder

**Thursday Thoughts**

**“If I could press a button and in the next fifteen minutes see the pyramids and be back home again, I’d do it.” – Phyllis Reynold Naylor (author of *Shiloh*)**

If you could press a button and in the next fifteen minutes see anything in the world, what would you choose? Remember to explain your choice.

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**Friday Figurative Language**

**½ DAY**

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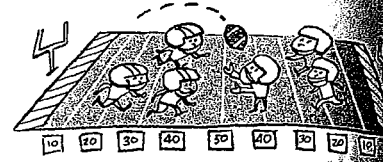
Name \_\_\_\_\_

Read each clue and write the answer in the blanks.  
Use the first and last words to fill in the sentence under the ladder.

HINT! Words with a ★ are more challenging!

MATH

# YARD WORK



11. A distance of 5,280 feet.  
Change 1 letter.

9. To think something over in one's mind.  
Change 1 letter.

★ 7. Extra weight.  
Change 1 letter.

5. The outer layer of a tree.  
Change 1 letter.

3. Utensil with tines.  
Change the first and last letters.

1. You may make a birthday \_\_\_ for a friend.  
Take away the last letter, then change 1 letter.

Start Here

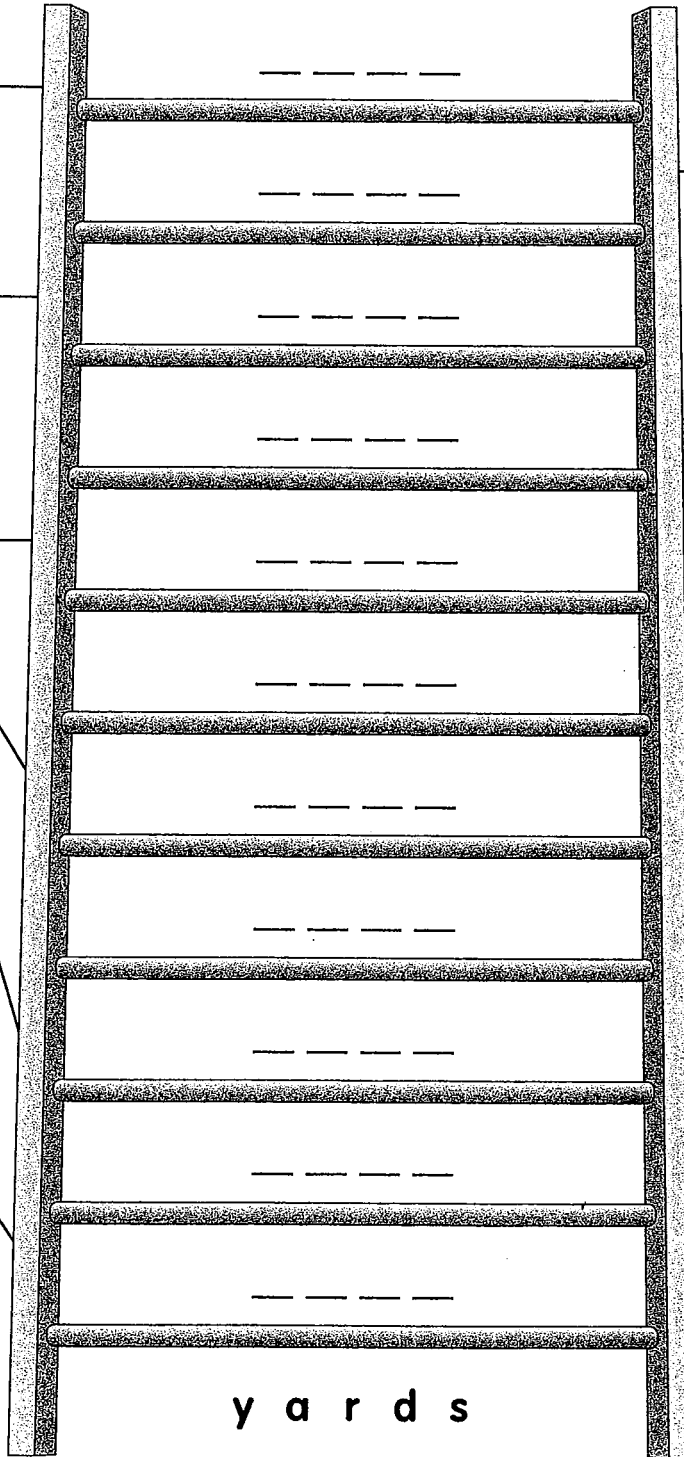
10. A hybrid of a donkey and a horse.  
Change 1 letter.

8. A male cow.  
Change 1 letter.

★ 6. To resist or refuse.  
Change 1 letter.

4. An outdoor area for recreation.  
Change 2 letters.

2. In an apple, the seeds are in the \_\_\_\_\_.  
Change 2 letters.



y a r d s

There are 1,760 \_\_\_\_\_ in a \_\_\_\_\_.



<p>Change a percent to a fraction</p>	<p>20% ↓ 20/100 ↓ 1/5</p>	<p>Rewrite the % over 100 and simplify.</p>
<p>Change a fraction to a decimal</p>	<p>1/5 <math>1 \div 5</math> 0.2</p>	<p>Divide the numerator by the denominator.</p>
<p>Change a decimal to a percent</p>	<p>0.25 25%</p>	<p>Move the decimal 2 places to the right. Add a % sign.</p>



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# FRACTIONS, DECIMALS, AND PERCENTS

Practice making two equivalent fractions for each of the fractions below.

$$\frac{6}{9}$$

$$\frac{8}{10}$$

$$\frac{5}{4}$$

How do the fractions you wrote compare to the original fraction?

## CONVERTING FRACTIONS TO PERCENTS

- A \_\_\_\_\_ can be written as a percent when the denominator is \_\_\_\_\_.
- If the denominator is a friendly number, you can \_\_\_\_\_ up or down or use a \_\_\_\_\_.

Convert each fraction below so that the denominator is 100.

$$\frac{6}{20}$$

$$\frac{7}{10}$$

$$\frac{3}{4}$$

Complete the tables below.

FRACTION	$\frac{\times}{100}$	PERCENT
$\frac{3}{25}$		
$\frac{35}{50}$		
$\frac{19}{20}$		

FRACTION	$\frac{\times}{100}$	PERCENT
$\frac{8}{25}$		
$\frac{60}{50}$		
$\frac{13}{20}$		

It can also be more complex. What about one-eighth?



# Notes

Unit: Rates and Percents  
Student Handout 7

Name \_\_\_\_\_

Date \_\_\_\_\_ Pd \_\_\_\_\_

$$\frac{\text{is}}{\text{of}} = \frac{\%}{100}$$

## PERCENT APPLICATION: FINDING THE PART

$$\frac{\text{part}}{\text{whole}} = \frac{\%}{100}$$

Finding the percent of a number can be helpful in Real life.

At Paulson Middle School, 75% of the sixth grade class is making a B or higher. If there are 24 students in the sixth grade class, then how many are making a B or higher?

WHAT DO WE KNOW?

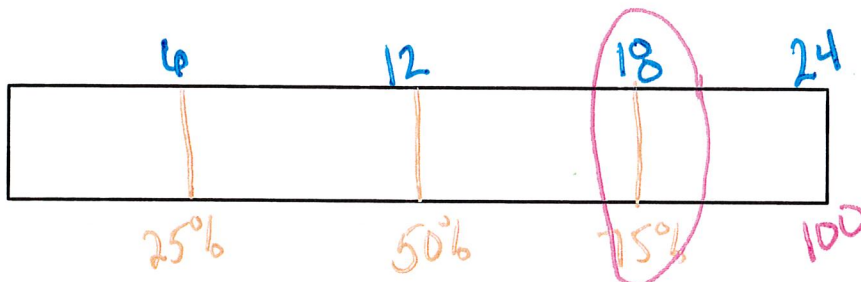
24 students - whole  
75%

WHAT DO WE NEED TO KNOW?

X - whole  
students B ↑

ARE WE LOOKING FOR THE PART OR THE WHOLE?

WHAT DOES THE STRIP DIAGRAM LOOK LIKE?



DOES MY SOLUTION ANSWER THE QUESTION?

18 students made B or higher.

$$\frac{x}{24} = \frac{75}{100}$$

$$100x = 75(24)$$

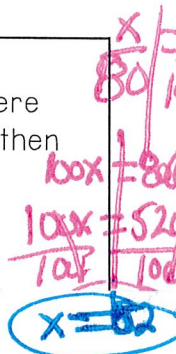
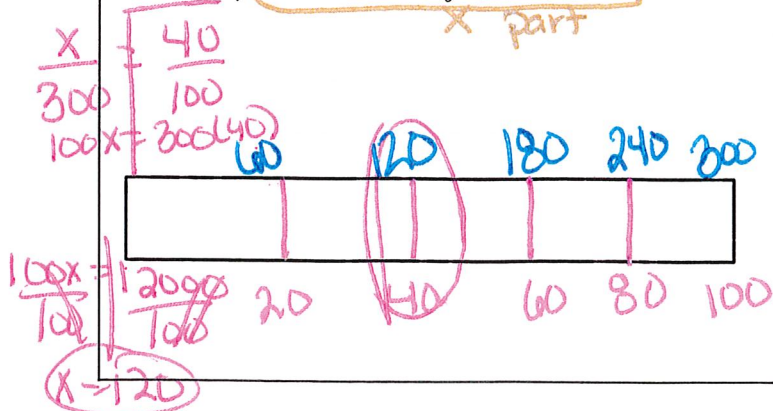
$$\frac{100x}{100} = \frac{1800}{100}$$

$$x = 18$$

Set up a strip diagram for each of the word problems below. Do not solve.

1. The campus demographics state that 40% of the students are male. If there are 300 students, then how many are male?

2. In Janet's neighborhood, 65% of the households have a landline phone. If there are 80 households in the neighborhood, then how many have a landline phone?



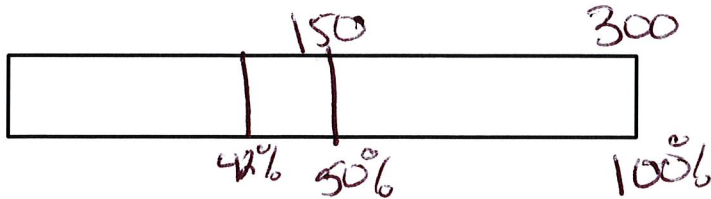


# Notes

Setting up a Proportion can be helpful when the problems are more complicated. A proportion is simply two Equal Fractions.

Label the strip diagram below. Then, set up a percent proportion.

The campus demographics state that <sup>%</sup>42% of the students are male. If there are <sup>Whole</sup>300 students, then how many are male?



$$\frac{\%}{100} = \frac{\text{PART}}{\text{WHOLE}}$$

$$\frac{x}{300} = \frac{42}{100}$$

$$x = 126 \text{ Males}$$

<p>3. There are <u>80</u> local little league teams. <u>Thirty percent</u> of them have players under the age of 7. How many teams have players under the age of 7?</p> <p><math>P = \frac{\%}{100}</math></p> $\frac{x}{80} = \frac{30}{100}$ $100x = 80 \cdot 30$ $100x = 2400$ $\frac{100x}{100} = \frac{2400}{100}$ <p style="text-align: center;"><u><math>x = 24</math> players</u></p>	<p>4. In Seattle, WA, it is said to rain 66% of the time. Since there are 365 days in a year, approximately how many days is it expected to rain?</p>
<p>5. Stephen Curry plays for the Golden Gate Warriors and touts a 90% free throw shooting record. If he shot 12 free throws in a game, then approximately how many did he miss?</p>	<p>6. At the post office, 45% of packages ship as Priority Mail. If 160 packages are shipped today, then how many will not go as Priority Mail?</p>

Summarize today's lesson:





# Homework

Name \_\_\_\_\_

## PERCENT: FINDING THE PART

**DIRECTIONS:** Use your notebook as a resource. Solve each problem.

1. At a local amusement park, 70% of the rides are made for kids who are 48 inches and taller. If there are 80 rides in total, then how many are made for kids who are 48 inches or taller?

**Show your work:**

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**Target Statement (answer)** \_\_\_\_\_

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2. The amusement park also has water rides. Thirty percent of the 80 rides are water related. How many water related rides does the park have?

**Show your work:**

 **Target Statement (answer)** \_\_\_\_\_

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3. The amusement park has 400 employees. 72% of them are part time employees. How many are full time employees?

**Show your work:**

**Target Statement (answer)** \_\_\_\_\_

4. On an average Saturday, 15% of tickets sold are child tickets. If there were 460 tickets sold on Saturday, then how many were sold to children?

**Show your work:**

**Target Statement (answer)** \_\_\_\_\_

5. Of 460 visitors on Saturday, 54% of them stayed until the park closed. About how many visitors stayed until the park closed?

**Show your work:**

**Target Statement (answer)** \_\_\_\_\_



# ALERT THE PEOPLE!

**YOUR MISSION:** Choose a storm: Winter Storm, Flood, Drought, Tornado, or Hurricane & create a TRIORAMA storm scene that informs others about the dangers.

**CAUTION CAUTION CAUTION CAUTION**

## DIRECTIONS:

1. Pick a storm:
2. Follow the directions for making a TRIORAMA: <https://www.youtube.com/watch?v=viDrGFBR8yw>
3. Your TRIORAMA must include the following **INFORMATION** *(from this storm's page in this packet)*:
  - a. Name of storm
  - b. **DESCRIPTION** of what it is
  - c. **HOW IT FORMS**, what causes it, or conditions necessary
  - d. **DANGER!**- List 3-5 dangers to be aware of with this type of storm
  - e. **KEEP SAFE!**- List 3-5 ways to keep safe during this type of storm
  - f. Other info you found interesting
4. Your TRIORAMA must include the following **VISUAL ELEMENTS**:
  - a. A neatly colored foreground
  - b. A neatly colored background
  - c. Images that accurately depict this storm

### ART SUPPLIES:

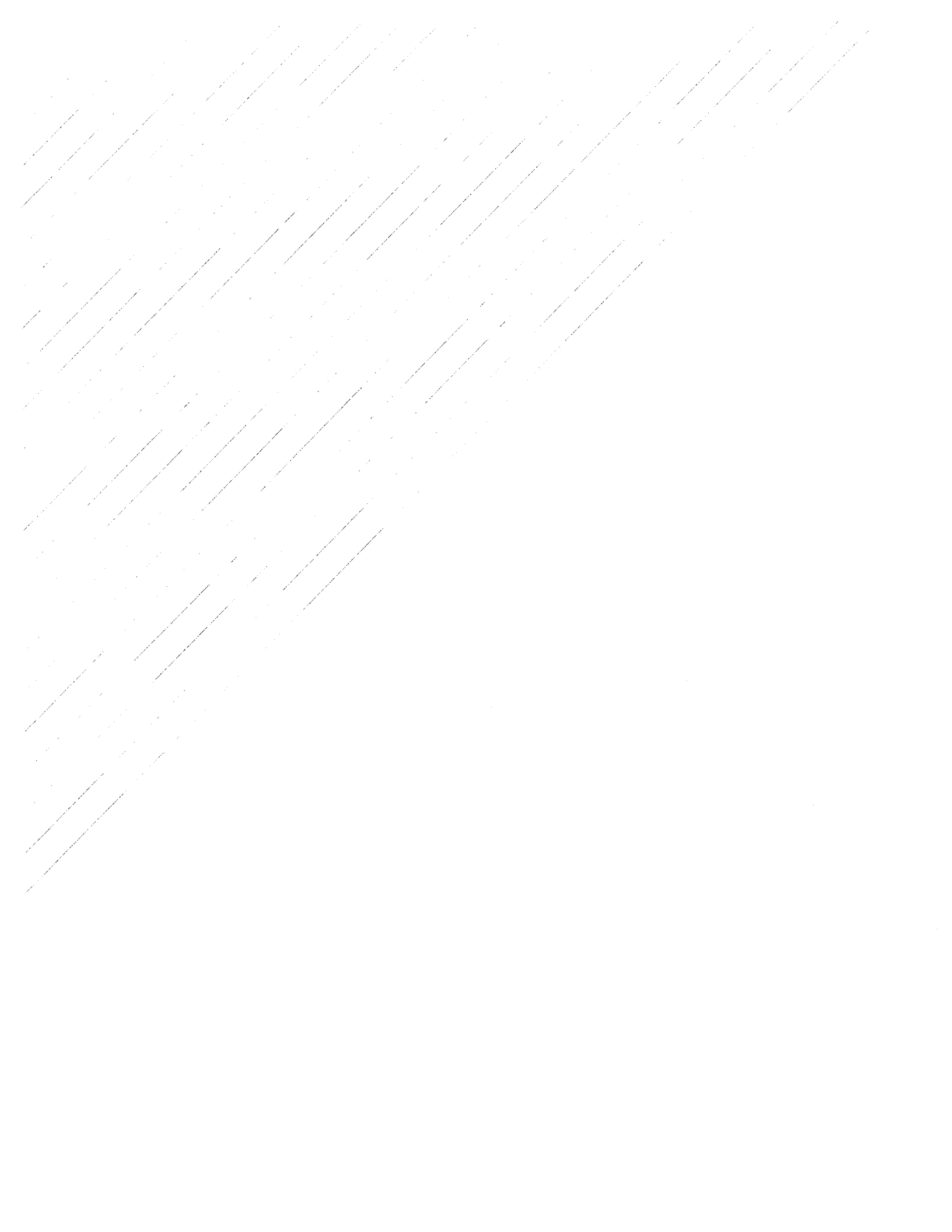
Paper            Glue  
Tape              Foil  
Cotton            Colored Pencils  
Plus, anything else you  
would like to use in your  
scene



# Triorama PROJECT PAPER

PUT GLUE on THIS SIDE







Name: \_\_\_\_\_

Research Due Date: **Tuesday January 21, 2020**

Science Per: \_\_\_\_\_

**Severe Weather Disaster Web Quest Notebook**

*STUDENTS -  
SCORE  
THIS  
ATTACH  
TO  
Your  
Printed  
NB*

	<u>10</u>	<u>8</u>	<u>6</u>	<u>4</u>	<u>2</u>	Your points	Teacher Score/Comments
<b>On time</b> Printed with your name, period, etc.	Printed by beginning of class Tuesday, 1/21/19	Turned in later that day	Wednesday 1/22/19	Thursday 1/23/19	More than 1 week late		
<b>Completed all required steps</b>	NO BLANKS	1- 2 section blank	3-4 sections blank	4 -5 blanks	5+ blanks		
<b>Neatness/ Organization</b>	Very organized and neat; easy to read. Pages & STEPS are now in order	Mostly organized and neat, 2 parts or less are messy	3-4 parts not organized or hard to read	5-6 parts not organize; hard to read	Very messy; no real organization		
<b>Accuracy: Research Accurately Recorded:</b> Weather Facts Match the Teacher Key (I checked and corrected ALL sections)	All scientific information is accurate and fully completed. I checked ALL sections and fixed any errors	2-3 sections do not match up with teacher	4-5 sections do not match up with teacher	More than 6 sections were not checked / do not match up with teacher			
<b>Diagrams / Drawings</b> (Snipping Tool) --Weather tools --Winter storm	Completed all required Snips --Accurate --Neat --Sized to fit 1 page --Correct storm snipped	2 - 3 mistakes	3-4 mistakes	5-6 mistakes	Not done; needs to re-do or complete		

Total points = \_\_\_\_\_ /50 = \_\_\_\_\_ % Lab grade

