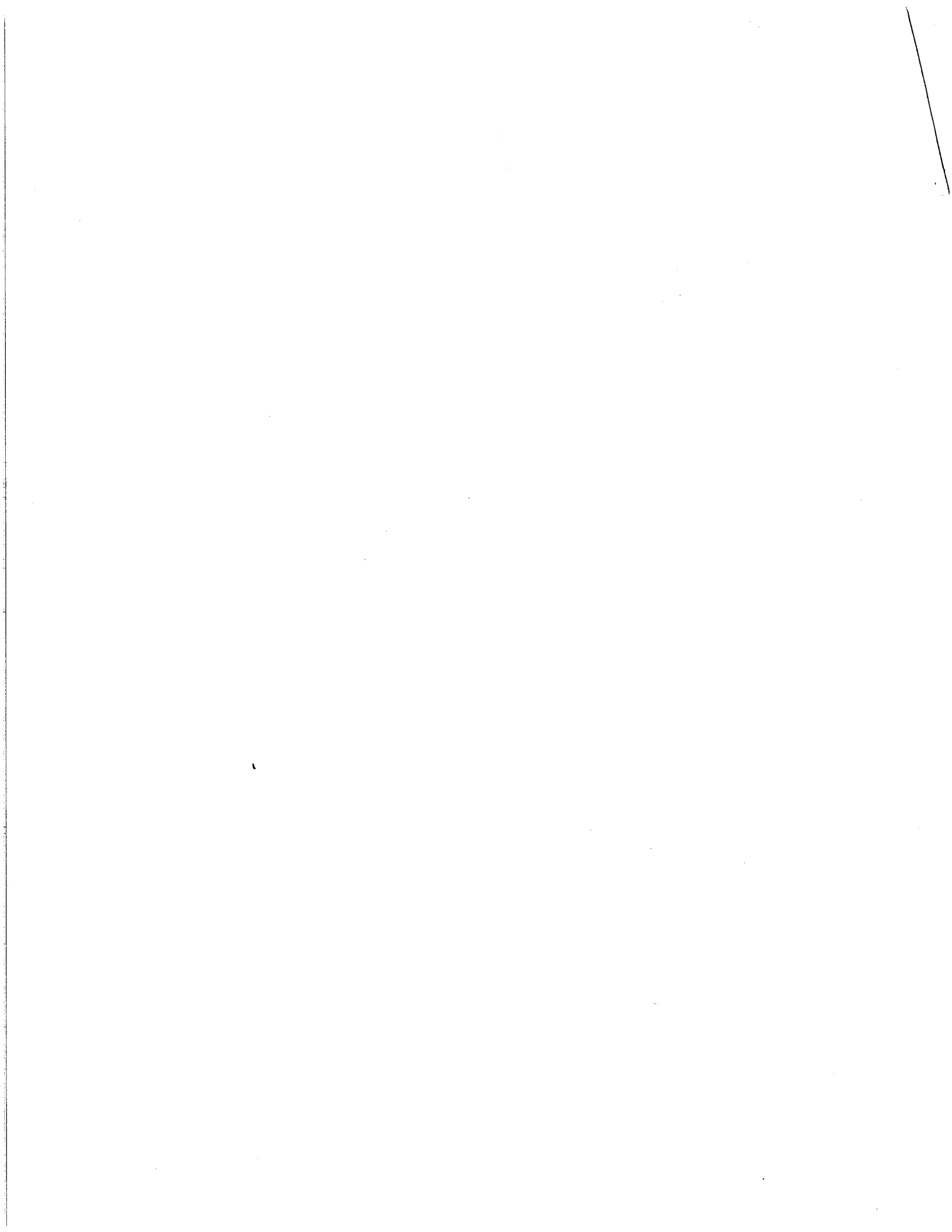


Cohen Middle School
100 Robinwood Avenue
Elmira Heights, NY 14903
734-5078

Name: _____ Date: March 9, 2020 _____

Math: Combining Like terms nb 2/22 hw wk whst
Social Studies: - Minoans and Mycenaeans - Profiling a polis HW: Greece Geography
ELA: Daily Warm-up Venn Diagram - Quiz Compare/Contrast "A Blessing" and "Predators"
Science * INV #5 NB Lab page 3 (Density = layering liquids of different colors)
Computer Apps/ Technology



Name: _____

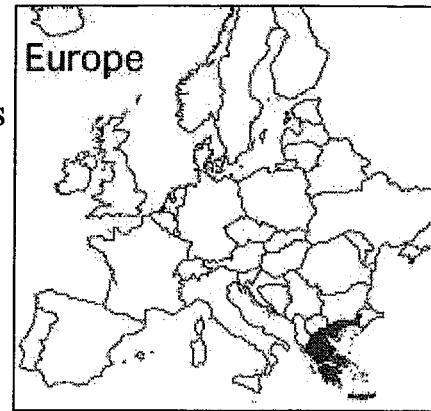
Greece - Geography

By Ekaterina Zhdanova-Redman



1 Greece is a wonderful country. It is full of many interesting places. Many are very old and very big. Some of Greece's most interesting places are huge old buildings. They were built thousands of years ago.

2 Greece is a peninsula. It is in southern Europe. What is a peninsula? A peninsula is a part of land that has water on three sides. The Aegean, Mediterranean, Ionian Seas surround Greece. Many islands are part of Greece. Try to imagine this: There are 1,400 islands around Greece! Some are big, like Peloponnesus. Many islands are tiny.



3 There are many mountains in Greece. Mount Olympus is one of them. This mountain is very important. Greeks thought that mount Olympus was the home for the gods. They believed there were many gods. They also believed that there was a king of all the gods. His name was Zeus.

4 One of Greece's hills is also very famous. It is called the Acropolis. The Acropolis is in Athens. Athens is one of Greece's largest cities. The Greeks built a huge building on top of the Acropolis. It was called the Parthenon. The Parthenon was a temple, which was a place for people to worship gods.

5 The Parthenon was built out of heavy stones. It has huge columns. The columns support a huge roof. It was built for the goddess Athena. A lot of the Parthenon has fallen down. Some of the building is still standing. You can still see part of it. There are also many other very old buildings and temples in Greece.

6 Greece also has many kinds of plants. Have you ever seen an orchid? It is a very pretty flower. In Greece, there are more than 100 kinds of orchids! In spring, Greece is covered with lots of pretty flowers.

7 It's easy to imagine that Greece is a very pretty place. With so many pretty plants and great old buildings, there's something to see almost everywhere in Greece!

Name _____



Date _____

Greece - Geography

<p>1. Greece is a peninsula.</p> <p><input type="radio"/> A False</p> <p><input type="radio"/> B True</p>	<p>2. What is a peninsula?</p> <p><input type="radio"/> A A dry place</p> <p><input type="radio"/> B A kind of forest</p> <p><input type="radio"/> C A place surrounded on three sides by water</p> <p><input type="radio"/> D A place surrounded on all sides by water</p>
<p>3. In Greece, there are more than 100 kinds of what flower?</p> <p><input type="radio"/> A Orchid</p> <p><input type="radio"/> B Daisy</p> <p><input type="radio"/> C Rose</p> <p><input type="radio"/> D Iris</p>	<p>4. What is a temple?</p> <p><input type="radio"/> A A shopping mall</p> <p><input type="radio"/> B A place for people to worship a god or gods</p> <p><input type="radio"/> C A Greek home</p> <p><input type="radio"/> D A government building</p>
<p>5. What building is on top of the Acropolis?</p> <p><input type="radio"/> A The White House</p> <p><input type="radio"/> B The Coliseum</p> <p><input type="radio"/> C The Eiffel Tower</p> <p><input type="radio"/> D The Parthenon</p>	<p>6. The Greeks didn't build many temples.</p> <p><input type="radio"/> A False</p> <p><input type="radio"/> B True</p>
<p>7. Greeks believed that they lived on Mount Olympus.</p> <p><input type="radio"/> A Greek criminals</p> <p><input type="radio"/> B Kings of Greece</p> <p><input type="radio"/> C All Greek people</p> <p><input type="radio"/> D Greek gods</p>	<p>8. The Parthenon was built for the god Zeus.</p> <p><input type="radio"/> A False</p> <p><input type="radio"/> B True</p>

Name _____

Class Period _____

ELA 6 WARM UP

Week of 3/9/20

Be a learner not a finisher.

Monday Mistakes

Correct the sentence and rewrite it below: **The star athlete turned out to be a alien. From the newly discovered planet gezbarkawda.** (1 wrong word, 2 capitalization errors, 1 punctuation error)

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: convince	Definition: to persuade
Sentence: _____ _____ _____	Sketch:

Wednesday Word Ladder

Flip the paper over and complete the word ladder

Thursday Thoughts

“Genius is 1 percent inspiration, 99 percent perspiration.” – Thomas Edison

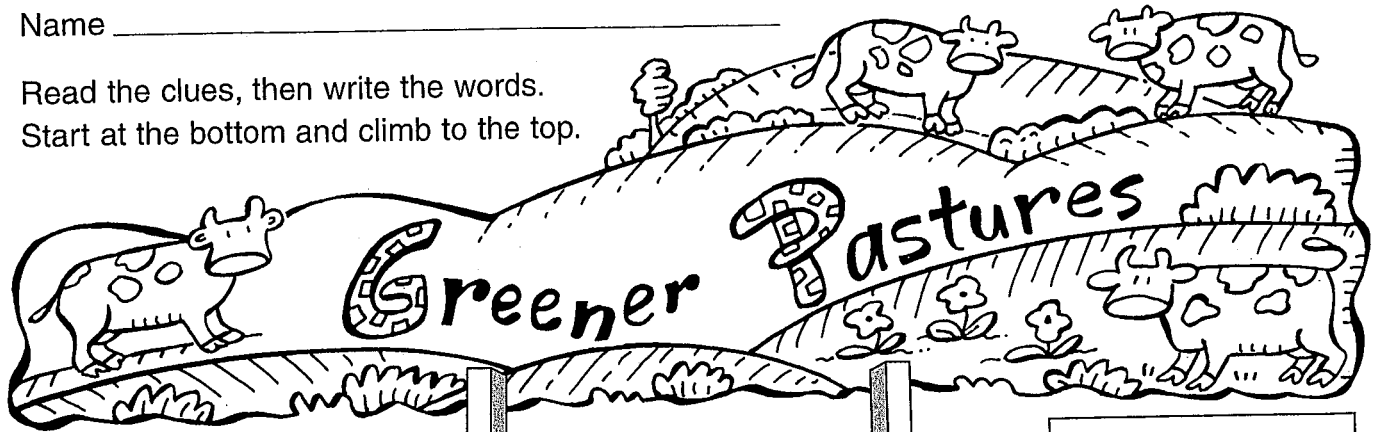
Write 2 to 3 sentences explaining what this quotation means.

Friday Figurative Language


Write a sentence that includes an example of hyperbole. (Hyperbole is a statement that is an obvious exaggeration. Example: I'm so tired I could sleep for a year.)

Name _____

Read the clues, then write the words.
Start at the bottom and climb to the top.



What cows eat in the pasture.
Add two consonants.

 A deep cut or wound on the body.
Change one letter.

A tall pole on a sailing ship.
Change one letter.

A pole you might hitch a horse to.
Change one letter.

The actors in a theater production are called the ____.
Change one letter.

The time before now.
Take away one letter.

Short for *gasoline*.
Take away one letter.

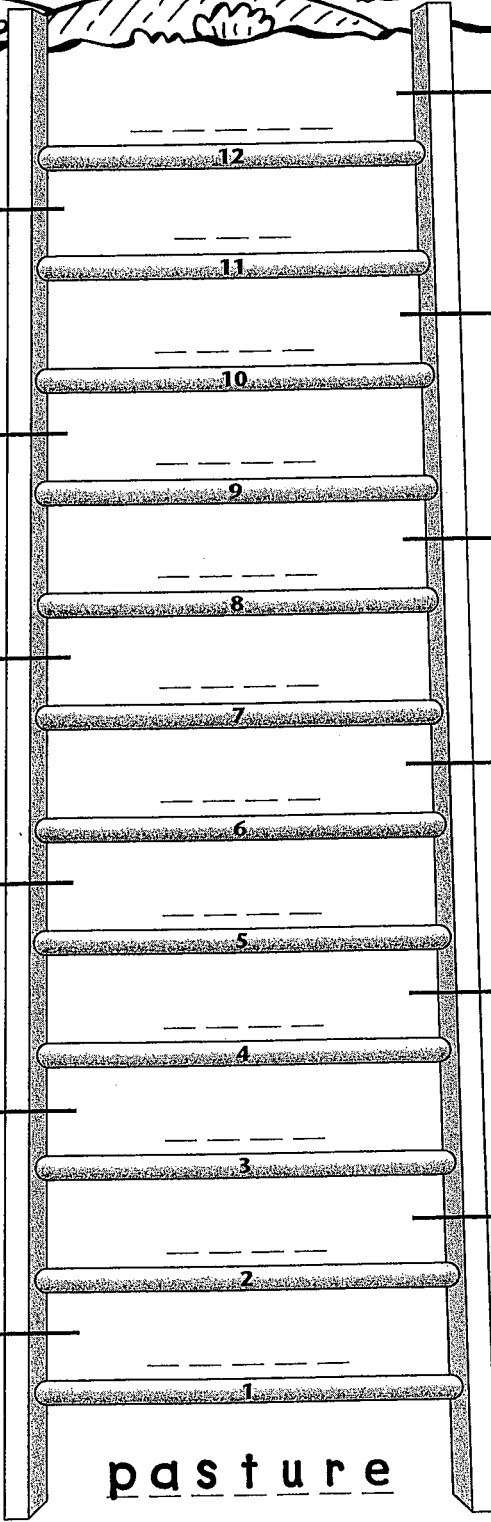
To change into a soft substance by crushing.
Change one letter.

Greatest in number or amount.
Change one letter.

The amount paid for something.
Change one letter.

Another word for quick.
Change one letter.

A kind of glue made of flour and water.
Take away two letters.



p a s t u r e

RACE Rubric for Short Answer Questions

	4	3	2	1
<p>R</p> <p>Restate the Question</p>	Restated the question completely	Restated almost all parts of the question	Attempted to restate the question, but was unsuccessful	Did not restate the question at all
<p>A</p> <p>Answer the Question</p>	Considered all parts of the question and answered each part accurately	Considered all parts of the question but had only partial accuracy	Missed part of the question	Did not answer the question at all
<p>C</p> <p>Cite evidence from the text</p>	Properly cited adequate evidence from the text that supported the answer	Cited evidence loosely related to the answer	Evidence used was either not relate to the question, or not correctly cited	No evidence from the text was used
<p>E</p> <p>Elaborate -Make connections -Explain further</p>	Made a connection with the text and clearly explained its relationship to the question	Made a connection to the text, but was unable to explain its relationship to the text clearly	Attempted to make a connection to the text, but the relationship was weak	Did not make a connection to the text at all; element was not present

R: _____ A: _____ C: _____ E: _____ Total: _____ / 4 = Final Score: _____

Pennsylvania sanctuary for wolves is a howling success

By Amy Brecount White, Washington Post, adapted by Newsela staff on 02.26.20

Word Count 601

Level MAX



Image 1. Akira (left) and Kodie live at the Wolf Sanctuary of Pennsylvania, a 40-acre space for rescued wolves and wolfdogs in Lititz, Pennsylvania. Photo by: Anthony Celona/Wolf Sanctuary of PA

"Hello, Miss Sophie. You're so beautiful," my daughter Sam says to the wolfdog who was rescued from a New York City apartment. The neighbors had heard howling. In most states, it's illegal to own a wolf or wolfdog.

"Even though she's a mix, she has a beautiful wolf howl," says Mandy Wagner. Wagner is our tour guide at the Wolf Sanctuary of PA where she has volunteered for 15 years. The wolf sanctuary is in Lititz, Pennsylvania. Two chain-link fences (4 to 6 feet apart) are between us and the mostly wooded wolf enclosures. The enclosures vary in size from 1 to 3 acres.

Wagner unlocks the outer fence, closes the gate and puts her hand through the inner fence to pet Sophie, who wags her tail. Pure wolves have straighter tails that have a black spot (which marks a scent gland) on them.

Sophie's mate died, and the sanctuary has tried to find her another. Wolves generally prefer pack life, and the sanctuary aims to match personalities. To test compatibility, caretakers might give the

wolves a "playdate."

The day we visited was cold and blustery — the kind wolves like. (They can be slow-moving in the heat.) Sam and her friend, Mary Kate, opted for the private tour to see all the packs on the 40-acre sanctuary. During our drive up, they had eagerly read the wolves' profiles on the website.

The sanctuary houses 54 wolves and wolfdogs rescued from across the country, including gray wolves and timber wolves (a subspecies of gray wolf). Most mixes are part husky, German shepherd or malamute. As we walked, Wagner discussed each animal's history and personality. Many arrived malnourished or mistreated, and most clearly enjoyed her affectionate voice and attention.

A century ago, wild gray wolves roamed the Mid-Atlantic region, but none do now. In 1995, gray wolves were successfully reintroduced into Yellowstone National Park, and packs are now in nine states. Since 1978, gray wolves have been classified as endangered in the Lower 48 states (except for Minnesota). However, in 2019 the U.S. Fish and Wildlife Service proposed lifting those protections.



The sanctuary is next to a larger, privately owned property that includes a bed-and-breakfast in a historic building dating to 1760 when this area was known as Speedwell and included a cannonball forge. In the 1980s, owners Bill and Barbara Darlington began rescuing wolves, and the sanctuary became a nonprofit in 1993. Their packs are known as "the Speedwell wolves."

The guides are volunteers, and you must volunteer for 500 hours before being allowed between the fences. Initially, the sanctuary did some breeding, but the organization now focuses on supporting rescued animals.

The wolves and wolfdogs eat raw meat donated by restaurants, groceries and hunters. Wolf jaws are powerful — exerting a force of up to 1,500 pounds per square inch at the back — and can chomp bones easily. They are fed six times a week here; in the wild, wolves may eat once a week. Wild wolves usually live four to eight years, but at the sanctuary, we admired 17-year-old Swayze and Cinderella, pure wolf mates.

While touring, we were treated to the impressive call-and-answer howls of Little Girl (a timber wolf) and Jake (a wolfdog). The notion that wolves howl at the moon is a myth, though. While they can smell prey from miles away, their eyesight is average, so they see better under a full moon to make a kill. That's reason enough for a howling celebration.

Focus Question: How can liquids of different colors be layered in a straw?

Observations:

Use colored pencils to keep track of your results in the straws below. Circle the color combinations that produce layers not mixtures. Then use the information to predict the order that will produce four colored layers.

Explanation:

Extension:

When we have the same volume (ml) of a material and the materials have a greater mass (g), we can prove that the material has a greater density.

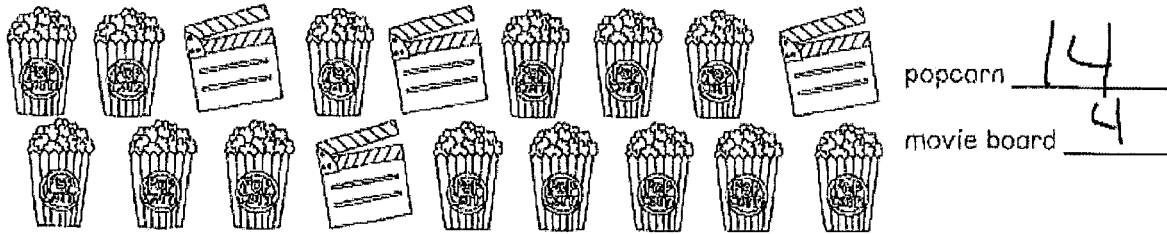
Data:

Liquid	Volume (ml)	Mass (g)		D=g/ml

Claim / Evidence (How can liquids of different colors be layered?)

COMBINING LIKE TERMS

Group the like items together, and determine how many of each there are.



COMBINING LIKE TERMS

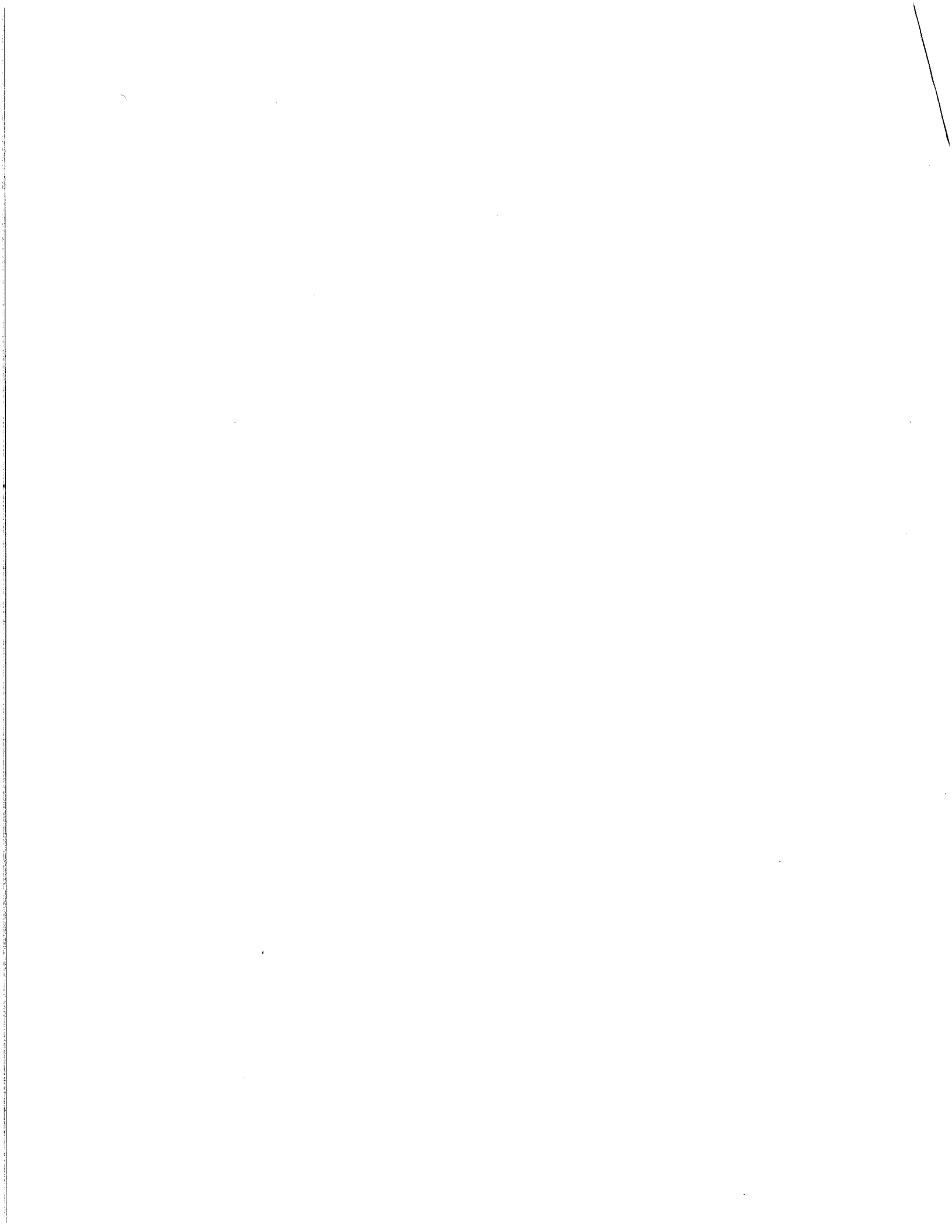
- Algebraic terms can be combined in a similar manner.
- A term is considered "like" if it has the same Variable with the same exponent (power)
- Constants can also be combined with each other.
(numbers)

Use a different shape or color to group the like terms together, and then explain your thinking.

x^2 's 3x² x 's 27x y 's 49y constant's 51

Practice simplifying expressions by combining the like terms below.

1. $6x + 12x + 3y$	2. $5 + 11y + 9 + 11y + 14$ $\begin{array}{r} y \\ 11y \\ \hline 11y + 14 \end{array}$	3. $6x + 2y$
4. $\begin{array}{r} x \\ 15x \\ 9x \\ \hline 24x + 19 \end{array}$	5. $10y + 6y + 8y$	6. $8x^2 + 10x$



SUBTRACTING LIKE TERMS

- Like terms can be subtracted, but remember to keep the sign as a part of the term.
- Use the rules for integers operations as you combine terms.

Ex: $6c - 5c = c$ $13c - 5c = 8c$

$$\begin{array}{r} x \ y \\ 14x \ 3y \\ -8x \ \\ \hline 6x + 3y \end{array}$$

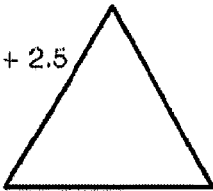
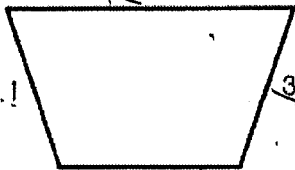
$$14x + 3y - 8x = 6x + 3y$$

$$16x - 9 + 5x$$

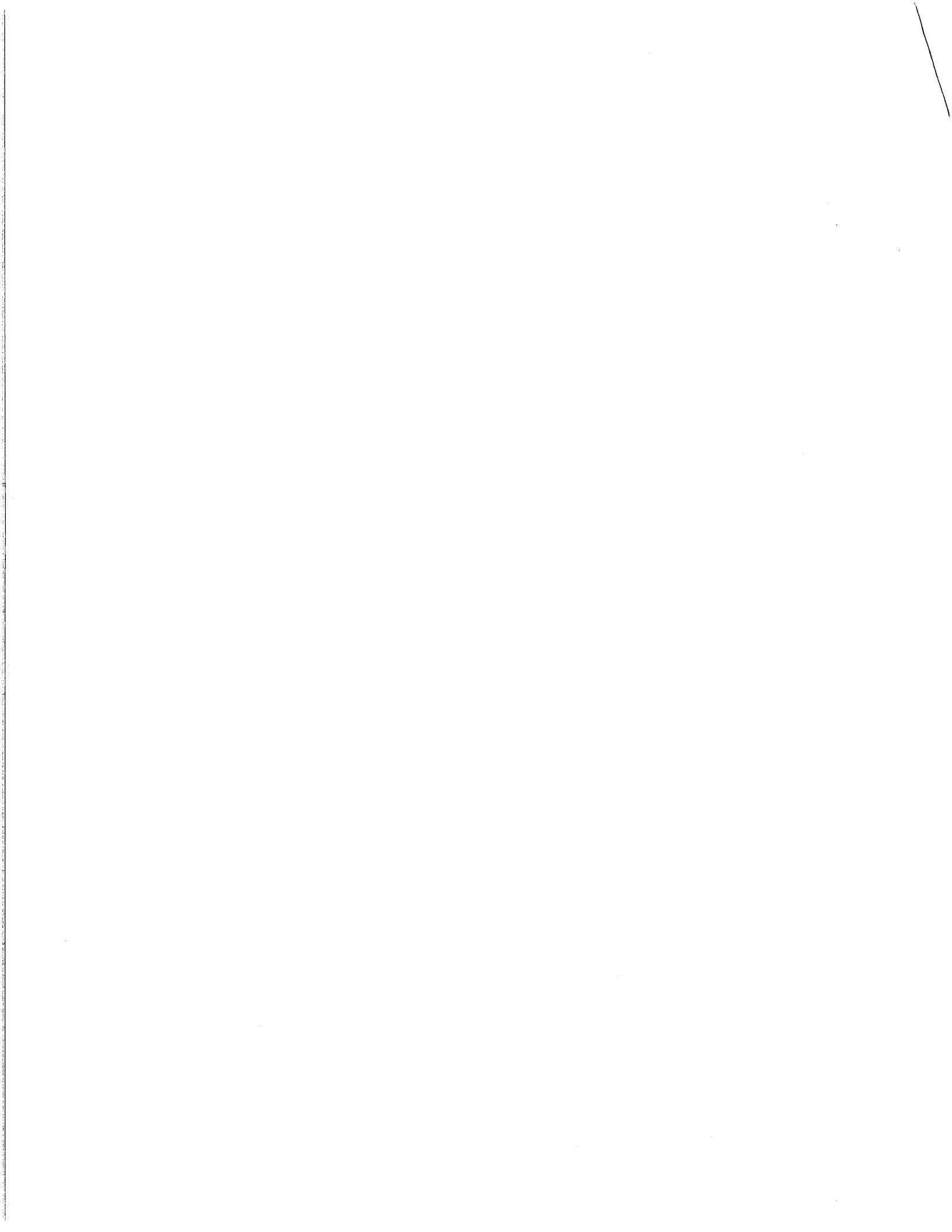
Practice simplifying expressions by combining the like terms below.

7. $11g - 5g + 3g$ $\frac{a}{c}$ $\frac{11a}{3a} - 5c$ $14g - 5c$	8. $16 + 12b - 7b$	9. $4d - 8 - 3d$ $\frac{d}{\#}$ $\frac{4d}{-8}$ $-3d$ $d - 8$
10. $21g - 6f - 8g$	11. $6t + 19s - 10s - 2t$	12. $18r + 7q - 1r + 13q$
13. $12w - 4 + 12 - 8$	14. $15d + 3d - 7d - d$	15. $4x^2 + 14x^2 - 1x$

Write an expression to represent the perimeter of each figure below.

16. $15x + 2.5$  $3(15x + 2.5)$ $45x + 7.5$	17.  $11x + 10$ $9x + 12x = 11x$ $12 - 2 = 10$
--	--

Summarize today's lesson:



Name _____

Date _____

Homework: Combine Like Terms

Directions: Simplify each expression by combining like terms. *Use your nb pp 15 & 16*

1. $4x + 2x^2 + 7x$

Show work:

2. $5y + 7x + 3 + 4x + 2$

Show work:

3. $7b + 8n - 4b - 8n^3 + n$

Show work:

4. $15ab - 6a + 7b - 2b$

Show work:

