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

Name:	Date: March 5, 2020
Math:	ranslating Real World Expressions
Social Studies	3÷14 hmwk wksht. - Review for midterm
	HW: Midterm is Tomorrow 3/6
	Hedators' - 1st Read Vocabilary.com tand in Vocab Cartoon (Score it)
(2) H	tand in Vocab Cartoon (Score it) tand in Inv #4 Science NB, fully complete ake Part II of Mid-term
Computer App	tridy wil Peer for Midterm Part I (FRIDAY)

Review for Midterm 2019-2020 MIDTERM IS FRIDAY MARCH 6th IT WILL COUNT AS TWO TEST GRADES

Early Humans:

- History is the study of the past
- Culture is the knowledge, beliefs, customs, and values of a group of people.
- Archaeologists study the past based upon what is left behind.
 - Objects leave clues to how people lived.
- Fossil is an imprint of something that once lived.
- Primary source is an account of an event created by someone who took part in or witnessed the event
- Secondary source is information gathered by someone who did not take part in or witness the event.
- Landforms are natural features of the land's surface
- Climate is the pattern of weather in a certain period of area over a long period of time.
- Hominid is an early ancestor of humans
- An ancestor is a relative who lived in the past
- Paleolithic era is the first part of the stone age
- People migrated out of Africa using land bridges or strips of land connecting two continents
- Mesolithic Era is the Middle Stone Age
- Neolithic Age is the New Stone age

Ancient Mesopotamia

- Mesopotamia is known as the land between two rivers because of its location between the Tigris and Euphrates rivers
- Crops grew well in Mesopotamia because the farmland was fertile and water was nearby.

- Mesopotamians used irrigation to bring water to an area of land.
 - They dug canals or man-made waterways.
- People settled where crops would grow, the population grew villages and cities began to form.
- Cities began to grow and walls were built to protect the inhabitants of the city-state from an attack.
- Sumerians were polytheistic and worshipped many gods.
 - O They believed their gods had to be worshipped and pleased.
 - Sumerian priests interpreted the wishes of the gods and made offerings to them.
- Sumerians developed a writing system called cuneiform which was a form of picture writing using wedge shaped symbols.
- King Hammurabi and King Nebuchadnezzar ruled Babylon
 - Hammurabi had his code of laws
 - Nebuchadnezzar rebuilt Babylon to include the hanging gardens, to please his wife.
- Rule of Mesopotamia
 - O Babylonians: Ruled by King Hammurabi and his code of laws
 - The Hittites and Kassites: ruled after
 - Hittites: master ironworking and use the chariot
 - Assyrians used iron weapons and chariots like the Hittites
 - Phoenicians used trade to grow more powerful.
 - Cedar wood was there best Trade item

Ancient Egypt

- The Nile River flows through two important regions in Egypt called upper and Lower Egypt.
- The Nile river was well suited for settlement because it had areas for farming
- Egypt was ruled by dynasties or a series of rulers from the same family.
- The first pharaoh wore a double crown to symbolize the unification of Upper and Lower Egypt.
- The Pharaoh had absolute power because they were viewed as a god.

- Pharaoh would be blamed if crops did not grow
- Pyramids were built as royal tombs
- A dynasty is a series of rulers from the same family
- Egyptian religion had a huge belief in the afterlife.

Ancient India

- India is known as a subcontinent which is a large landmass smaller than a continent.
- India is separated from the rest of Asia by the Himalayas
- India's climate is dominated by monsoons. Seasonal wind patterns that occur in a regular pattern
- The Indus River valley became ideal for farming, due to the melting snow in the Himalayas melting and flooding the Indus River leaving behind silt.
- Aryan people abandoned their nomadic lifestyle, because they began to farm.
- They set up the Caste system in Ancient India which had very strict rules.
 - o Brahmins-priests
 - o Kshatryias were rulers and warriors
 - Vaisyas farmers and traders
 - Sudras- workers and servants
- Hindu beliefs say that good or bad actions have on a person's soul, will decide how you are reborn.
- Siddhartha Gautama founder of Buddhism wanted to find ways to eliminate human suffering.
- The guiding principles of Buddhism are the four noble truths
- Siddhartha Gautama left home at age 30 to find answers to his questions about human life
- Siddhartha gained insight into human suffering after meditating under a tree
- Buddhism was against the caste system
- Theravada Buddhists follow the teachings exactly
- Mahayana Buddhists interpret the Buddha's teachings to help reach nirvana.



My Name:		
Study Partner:		

Observation

Observation: when studying something, describe only facts that you can see, touch, smell and hear (five senses). You are not making any guesses.

THIS IS NOT AN OPINION!!

Qualitative observations describe a quality on object possesses (such as texture, color, smell, taste...)

Quantitative observations involve numbers!! This includes how many or a specific measurement.



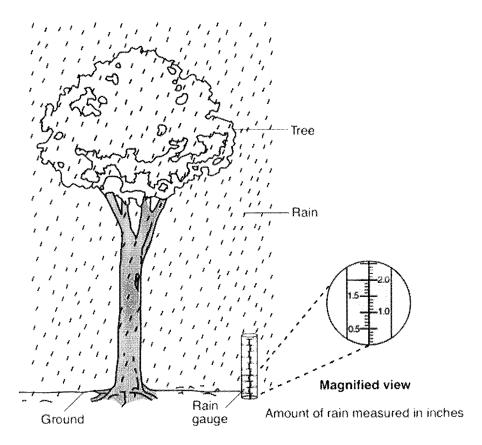
Inference

Inference: using your observations to make a **guess** about an object or an outcome

THIS CAN BE A SCIENTIFIC OPINION



1. Observation VS. Inference



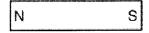
LIST THREE

LIST TWO EXPLAIN ONE

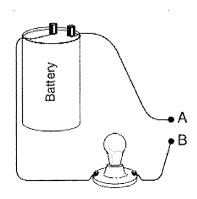
Qualitative Observations	Quantitative Observations	Inference
	·	

2. Study Force & Motion Vocabulary

(Attract / Repel)

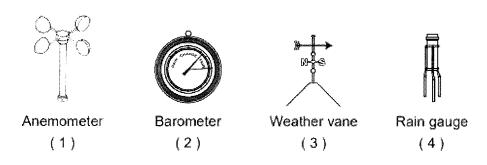


3. Is the following circuit OPEN or CLOSED? What would you do to create the opposite effect?

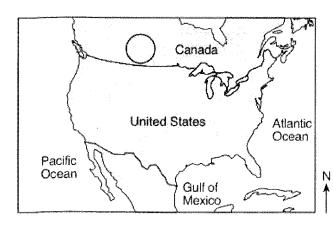


Wind spee	ed climate	wind dire	ction air	pressure
Weather	temperature	precipitation	temperature	day length

4. Atmosphere & weather (Use your Severe Weather Web Quest to look these up) Match the tool with the weather factor / condition it measures:

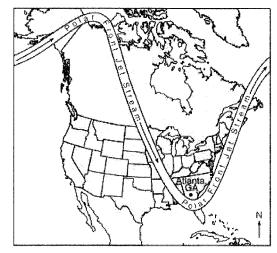


- **5.** weather patterns that happen from season to season and year to year are known as:
- 6. The condition of Earth's atmosphere at a given time and place is _____
- 7. A person who studies the Weather is called a
- 8. Look at the map of N. America below. How would you describe the air mass in Canada?



temperature conditions (warm or cold) moisture conditions (wet or dry)

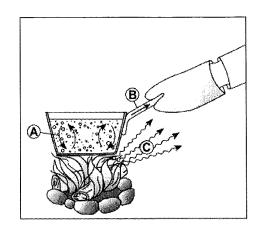
Look at the Polar Jetstream below. How would you describe the air mass in Atlanta? temperature conditions (warm or cold) moisture conditions (wet or dry)



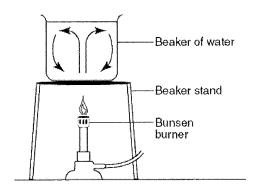
9. Which types of heat transfer are happening at each location? (use your Inv #4 Vocab)

a.	
b.	



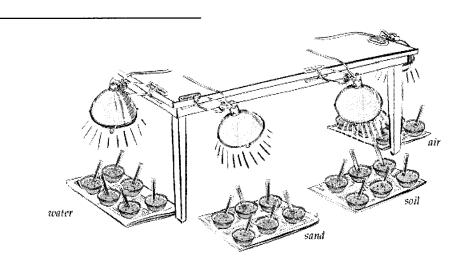


10. Which types of heat transfer are happening at each location?



11. Which type of heat transfer came from the lamp?

12. Which type of heat transfer occurs within the materials as particles collide?



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My Name:	Ŋ		18346 TE	San	The same of the sa	
Study Partner:						

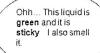
· Science Mid-Term Friday

Observation

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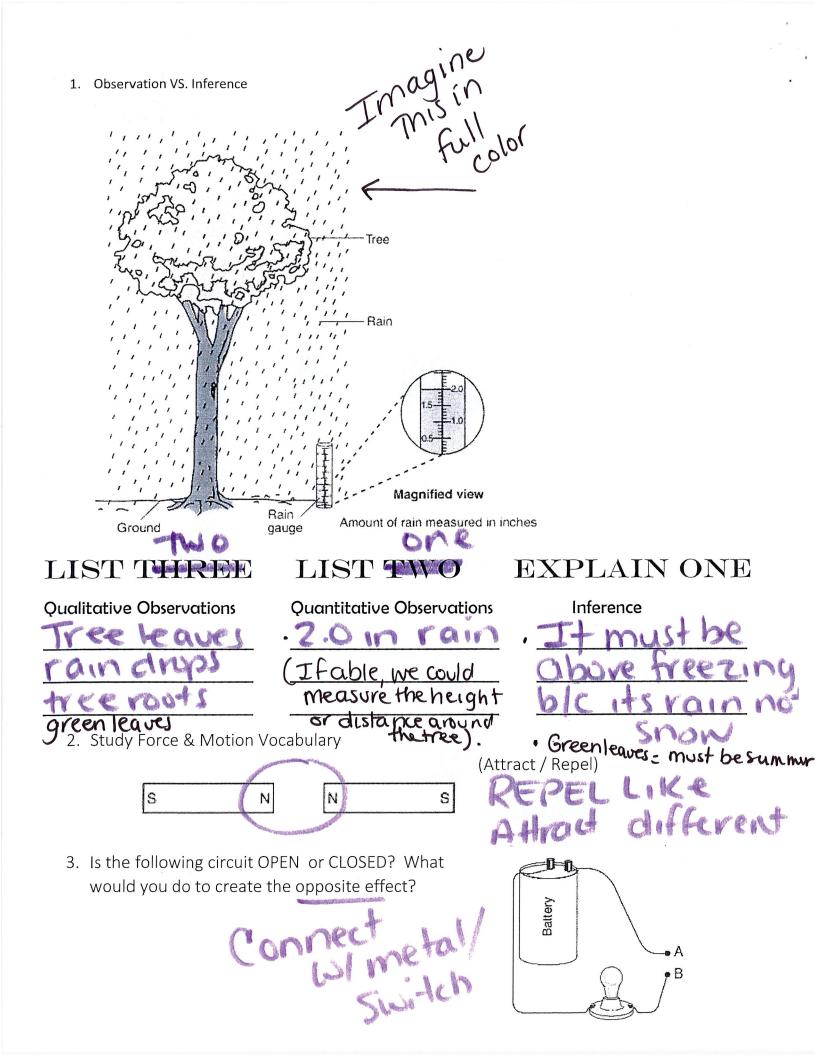
Inference: using your observations to make a **guess** about an object or an outcome

THIS CAN BE A SCIENTIFIC OPINION

Based on my observations, I think that this can is old and is leaking a toxic substance.







Wind speed climate wind direction air pressure day length Weather temperature precipitation temperature

clock

4. Atmosphere & weather (Use your Severe Weather Web Quest to look these up) Match the tool with the weather factor / condition it measures:

viatch th

Anemometer (1)



Barometer (2)



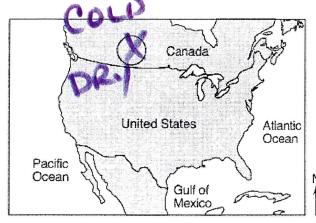
Weather vane (3)



Rain gauge (4)

Wind speed air pressure

- 5. weather patterns that happen from season to season and year to year are known IIMate
- 6. The condition of Earth's atmosphere at a given time and place is _______
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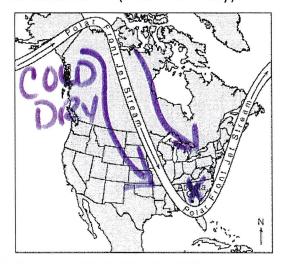


temperature conditions (warm or cold) moisture conditions (wet

Look at the Polar Jetstream below. How would you describe the air mass in Atlanta? temperature conditions (warm or cold) moisture conditions (wet or dry)



The Jetstream is bringing Cow, Dry

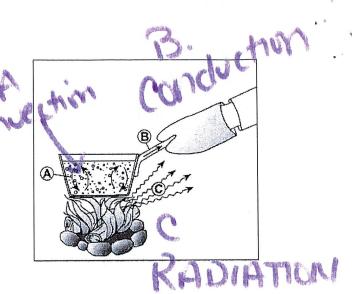


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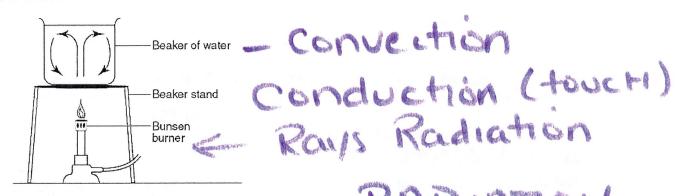
a. _____

h

C.

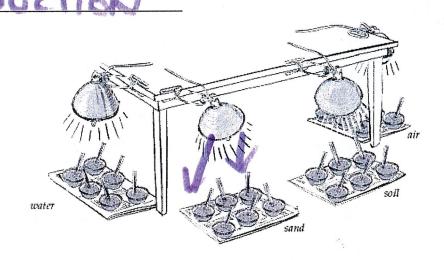


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Unit: Expressions Student Handout 7

Name	
Date	Pd

TRANSLATING REAL-WORLD EXPRESSIONS 🔫

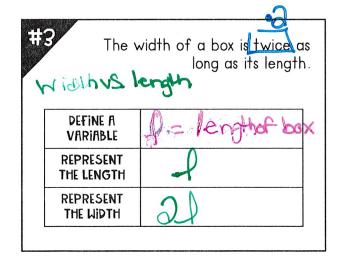


TRANSLATING EXPRESSIONS

- Expressions are <u>trequently</u> used in real life to describe situations involving <u>Comparisons</u>
- When translating verbal descriptions to algebraic expressions, ask yourself:
 - 1. What is being compared?
 - 9. What will the variable represent?

Variables should <u>least</u> the part of the situation in which you are given the <u>amount of information</u>.

Practice defining a variable and translating the verbal expression to an algebraic expression.



#	bake sa	80 brownies sold at the le were half the number f rice crispy treats sold.
	DEFINE A VARIABLE	r=ria crispy
	REPRESENT THE # OF BROWNIES	530
	REPRESENT THE # OF RICE CRISPY TREATS	

	•			
			•	



mblete the table below tot each of the Leal-in C	e structions.
Allison sold 12 more boxes of cookies for the fundraiser than Evangeline.	Xavier's 85 on his math test was 37 points less than wice the grade on his English test.
DEFINE A CE-EVAN, COOKIES SOLD	DEFINE A VARIABLE C= eng. +st grade
REPRESENT ALLISON	REPRESENT THE MATH TEST
REPRESENT EVANGELINE	REPRESENT THE ENGLISH TEST
	++O
It costs \$100 to rent a skating rink, plus \$8 per person.	Ender has \$365 in his savings account and spends \$32 ber week.
DEFINE A VARIABLE	DEFINE A W = # of warks
COST OF N NUMBER OF PEOPLE	AMOUNT IN SAVINGS AFTER W WEEKS
COST OF 36 PEOPLE	AMOUNT IN SAVINGS AFTER 9 WEEKS 345-288
5 388	Substitut for w
The cost of an item with a \$12 shipping fee	#10 Anthony has half as many video games as Guero.
DEFINE A VARIABLE	DEFINE A VARIABLE
COST OF AN ITEM WITH SHIPPING	REPRESENT FINTHONY
COST OF AN	REPRESENT GUERO

Summarize today's lesson:

\$85 ITEM

Unit: Expressions Homework 7

Name	
Date	DA

TRANSLATING REAL-WORLD EXPRESSIONS TO JOHN The variables represent information about people who visit the public library. Use the 9,10,13 14

PUBLIC LIBRARY VISITORS

m = number of men	r = number of people with red hair
w = number of women	b = number of people with brown hair
c = number of children under 12	t = total books checked out

1. Write a verbal description to describe the algebraic expression.

a. w + m _____

b. $\frac{(m+w)}{c}$

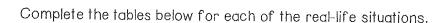
c. (w + m + c) ____

2. Write an algebraic expression for each verbal description.

a. total number of people under 12 _____

b. the number of people who do not have brown hair _____

c. the average number of books checked out per person _____



There were three times as many beavers as elephants.

DEFINE A VARIABLE	
REPRESENT THE NUMBER OF BERVERS	
REPRESENT THE NUMBER OF ELEPHANTS	

A children's ticket was \$6 less than an adult ticket.

DEFINE A VARIABLE COST OF AN **ADULT TICKET** COST OF A CHILD TICKET