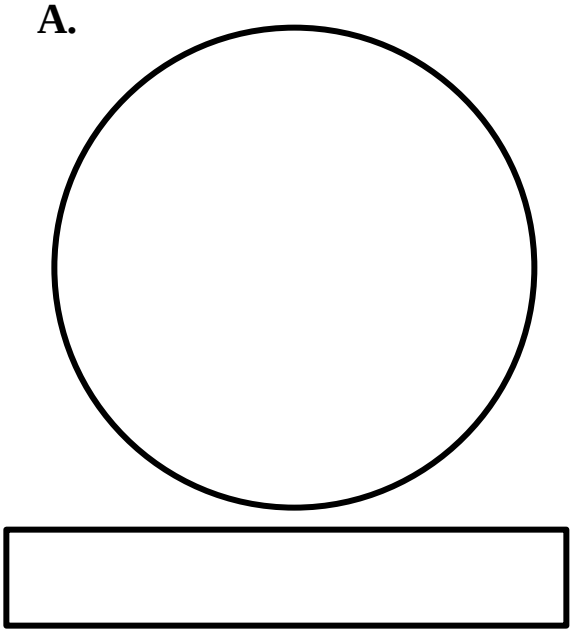
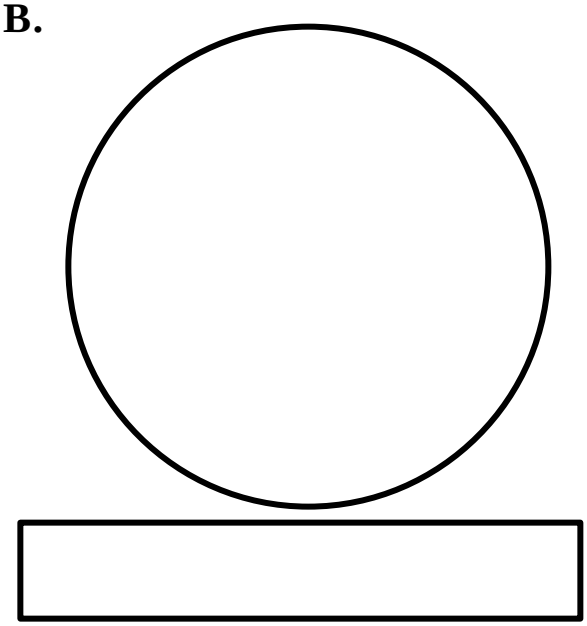
PIE CHART FOR OBSERVATIONS

Topic: _____
Name: _____ Date: _____

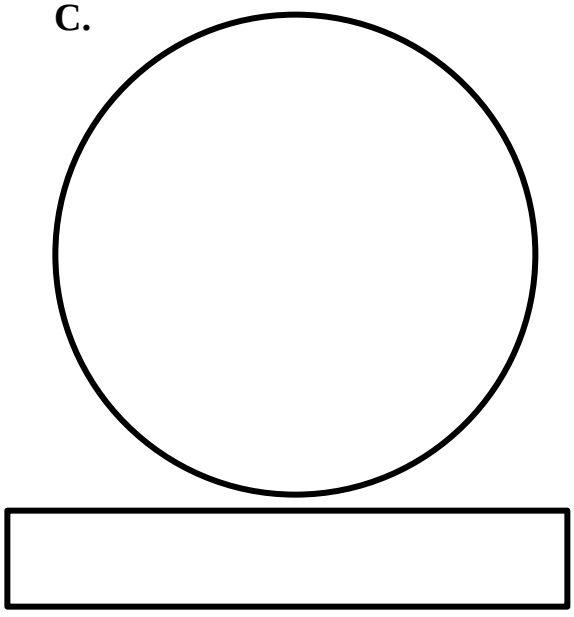
A.



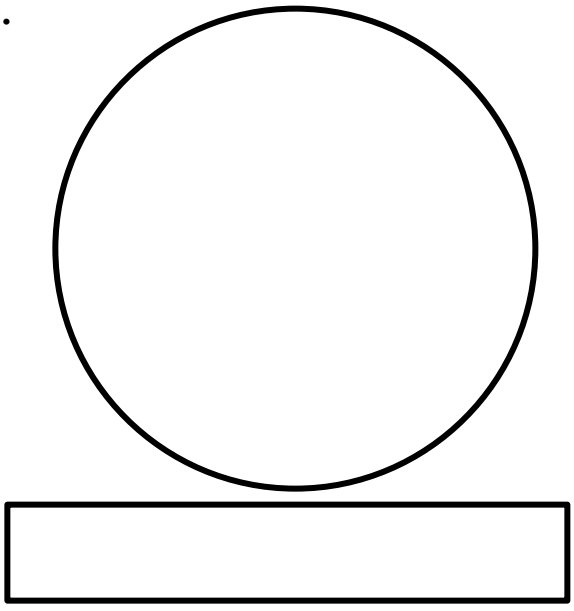
B.



C.



D.



GO.28.1

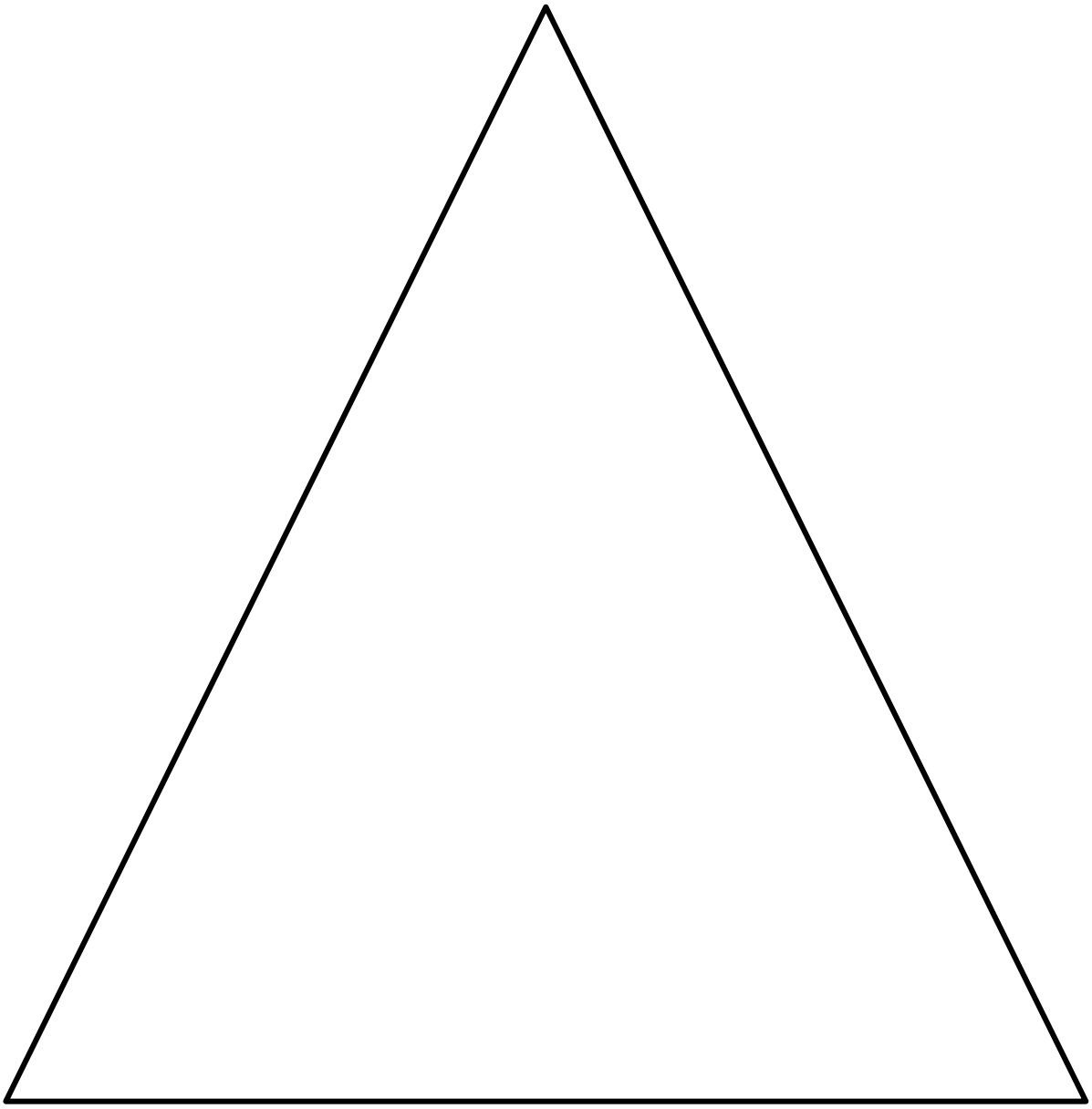
OBSERVATION CHART

Name:_____ Date: _____

Item	Description
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	

PYRAMID

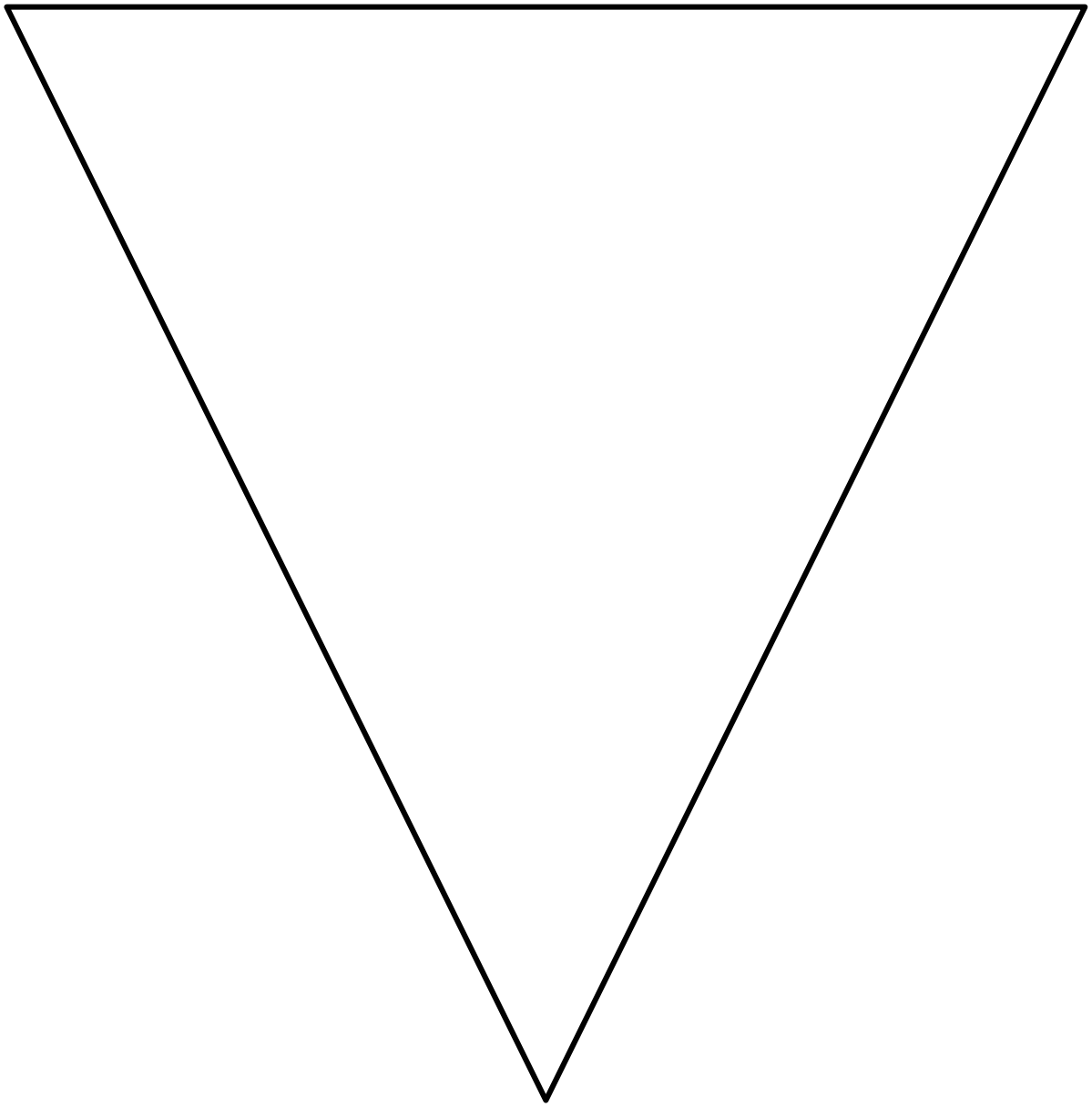
Topic: _____
Name: _____ Date: _____



GO.28.3

UPSIDE-DOWN PYRAMID

Topic: _____
Name: _____ Date: _____



GO.28.4

OBSERVATIONS

Name: _____ Date: _____

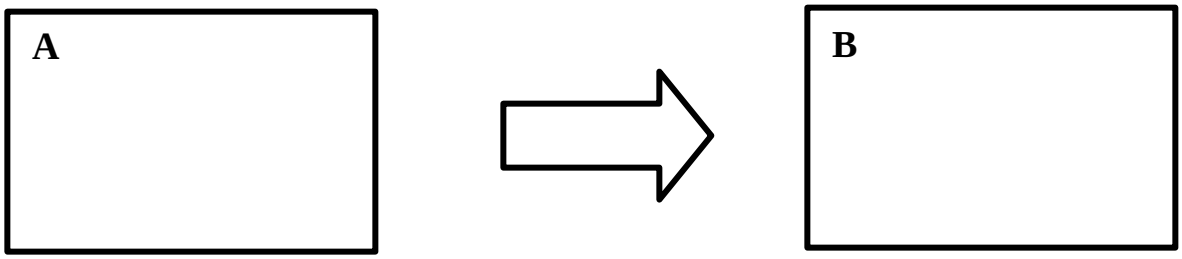
Item	Observation Category			
	A	**B**	**C**	**D**
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

GO.28.5

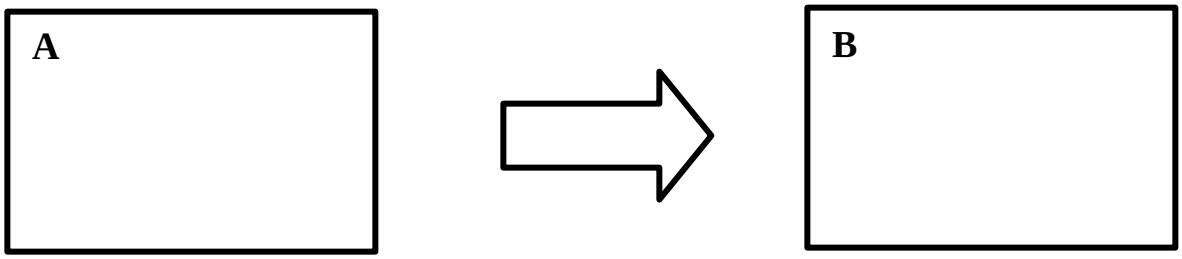
PHYSICAL AND CHEMICAL CHANGES

Name: _____ Date: _____

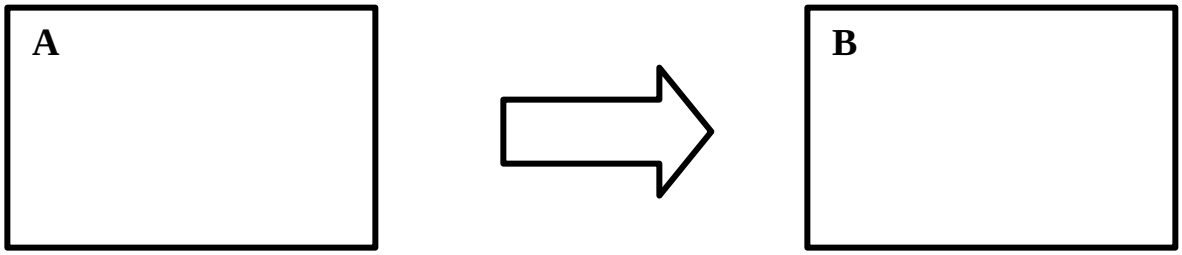
1.



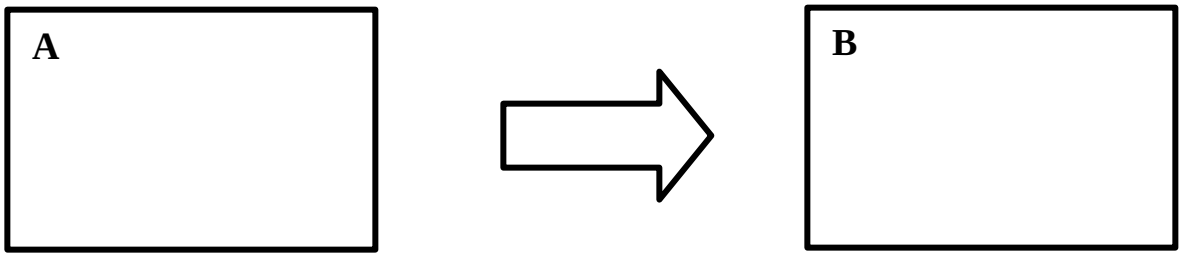
2.



3.



4.

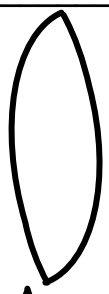


GO.28.6

LENSES

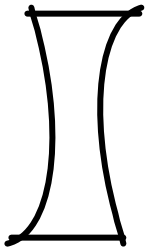
Name: _____ Date: _____

1. _____

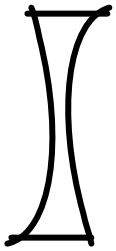


2. _____

3. _____



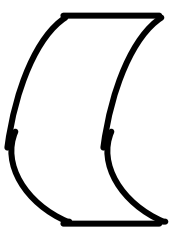
4. _____



5. _____

6. _____

7. _____



GO.28.7

RESEARCH PAPER – BRAINSTORM FORM

Name: _____ Date: _____

Topic:

Introduction:

Main Idea **Main Idea** **Main Idea**

Supporting Details **Supporting Details**

Conclusion:

GO.28.8

RESEARCH PAPER – PEER EDIT SHEET

Name: _____ Date: _____

Read the paper through carefully. Does the paper make sense to you?
If Not, Why?

Does this paper stay on topic throughout?

Is there a logical order to the paper? If parts seem out of order, please mark those sections of the paper with a star (*).

Are there enough supporting details for each paragraph?
If paragraphs are lacking enough detail, please circle them.

Circle any mechanical errors that you may find, including punctuation, grammar, and spelling.

Does the paper have a good introductory paragraph?
Could it be improved in any way?

Does the paper have a concluding paragraph that tends to summarize the information?
Could it be improved in any way?

In your opinion, what is the best part of this paper?

What could the author do to improve this paper overall?

RESEARCH REPORT – SELF EDIT SHEET

Name: _____ Date: _____

Read your entire paper to yourself.

Is this paper interesting?

Is this paper written in your own words?

Does this paper stay on topic?

Do you have an introductory paragraph?
Circle it.

Are the paragraphs in logical order?

Does each paragraph have a main idea?
Underline the main idea in each paragraph.

Does each paragraph have enough supporting details for the main idea?

Do you know the meaning of all the words you have used in this paper?
List a new word and its meaning here: _____
_____

Are all the words spelled correctly?
Circle any words that you are not sure about and look them up.

Do all the sentences begin with capitals and end with proper punctuation?

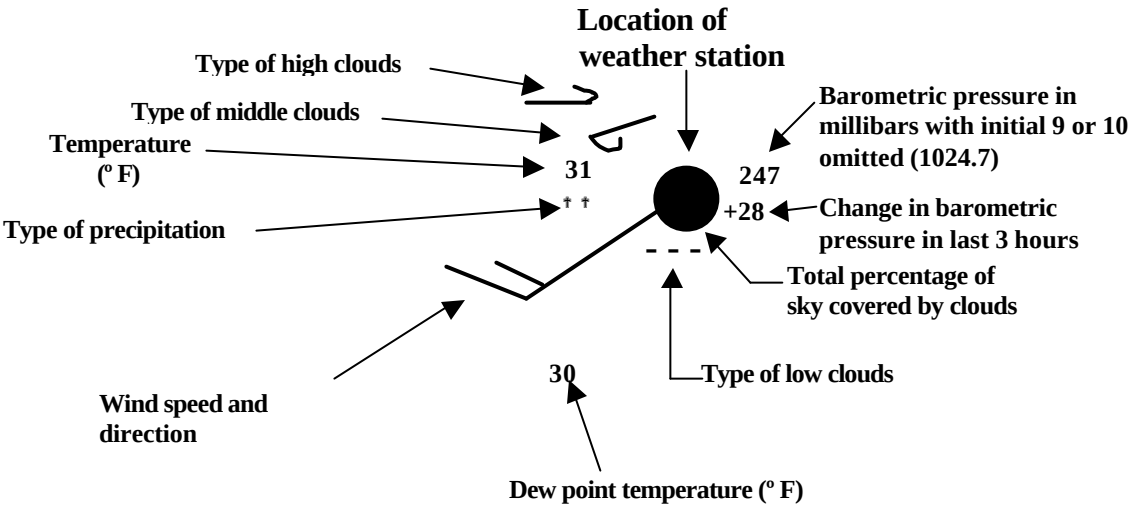
Is there a concluding paragraph?
Does it summarize the main idea of the paper?

✝ **Now is the time to make changes to your draft so that it is the best writing you can do. Add information if necessary, rewrite paragraphs that are not clear, create a better introduction or conclusion, etc.**

✝ **Please make sure your final draft is neat and presentable.**

WEATHER MAP SYMBOLS

Sample Plotted Report at Each Station



Symbols Used in Plotting Report

Precipitation	Wind speed and direction	Sky coverage	Some types of high clouds
Fog	0 calm	No Cover	Scattered cirrus
Snow	1-2 knots	1/10 or less	Dense cirrus in patches
Rain	3-7 knots	2/10 to 3/10	Veil of cirrus covering entire sky
Thunder-Storm	8-12 knots	4/10	Cirrus not covering entire sky
Drizzle	13-17 knots	½	
Showers	18-22 knots	6/10	
	23-27 knots	7/10	
	48-52 knots	Overcast with openings	
	1 knot = 1.852 km/h	Complete overcast	

Some types of middle clouds	Some types of low clouds	Fronts and pressure systems
Thin altostratus layer	Cumulus of fair weather	(H) or High Center of high or (L) or Low low pressure system
Thick altostratus layer	Stratocumulus	Cold front
Thin altostratus in patches	Fractocumulus of bad weather	Warm front
Thin altostratus in bands	Stratus of fair weather	Occluded front
		Stationary front

GO.28.11

TOPOGRAPHIC MAP SYMBOLS

Primary highway, hard surface

Secondary highway, hard surface

Light-duty road, hard or improved surface

Unimproved road

Railroad: single track and multiple track

Railroads in juxtaposition

Buildings

School, church, and cemetery

Buildings (barn, warehouse, etc.)

Wells other than water (labeled as to type)

Tanks: oil, water, etc. (labeled only if water)

Located or landmark object; windmill

Open pit, mine, or quarry; prospect

March (swamp) (blue)

Wooded march (blue)

Woods or brushwood (green)

Land subject to controlled inundation (blue)

Orchard or farmland (green)

Scrub (green)

Urban area (red)

Spot elevation X 7369

Water elevation 670

Index contour

Supplementary contour

Intermediate contour

Depression contours

Boundaries: National
State
County, parish, municipio
Civil township, precinct, town, barrio
Incorporated city, village, town, hamlet
Reservation, National or State
Small park, cemetery, airport, etc.
Land grant

Township or range line, United States land survey

Township or range line, approximate location

Perennial streams (blue)

Elevated aqueduct (blue)

Water well and spring (blue)

Small rapids (blue)

Large rapids (blue)

Intermittent lake (blue)

Intermittent streams (blue)

Aqueduct tunnel (blue)

Glacier (blue)

Small falls (blue)

Large falls (blue)

Dry lake bed (blue)

GO.28.12

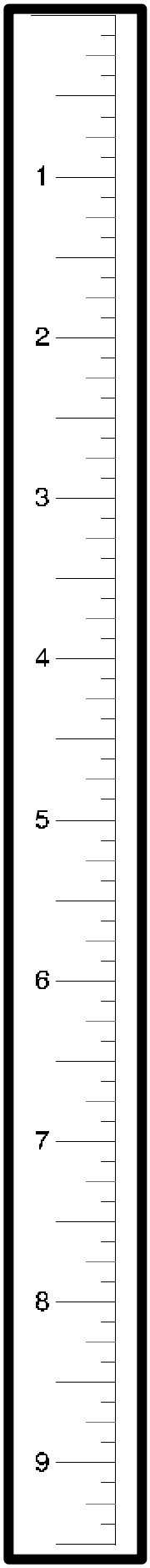
EARTH AND MOON MODELS – PUTTING IT IN SCALE: LAB

GO.28.13

METRIC RULER

GO.28.14

STANDARD ENGLISH RULER

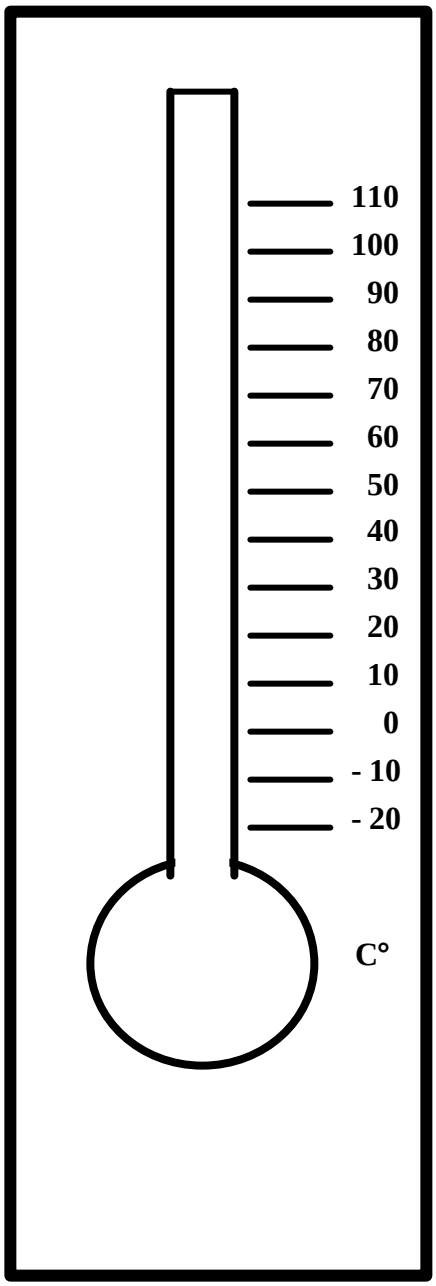


GO.28.15

THERMOMETER – DEGREES CENTIGRADE

Title: _____

Name: _____ Date: _____

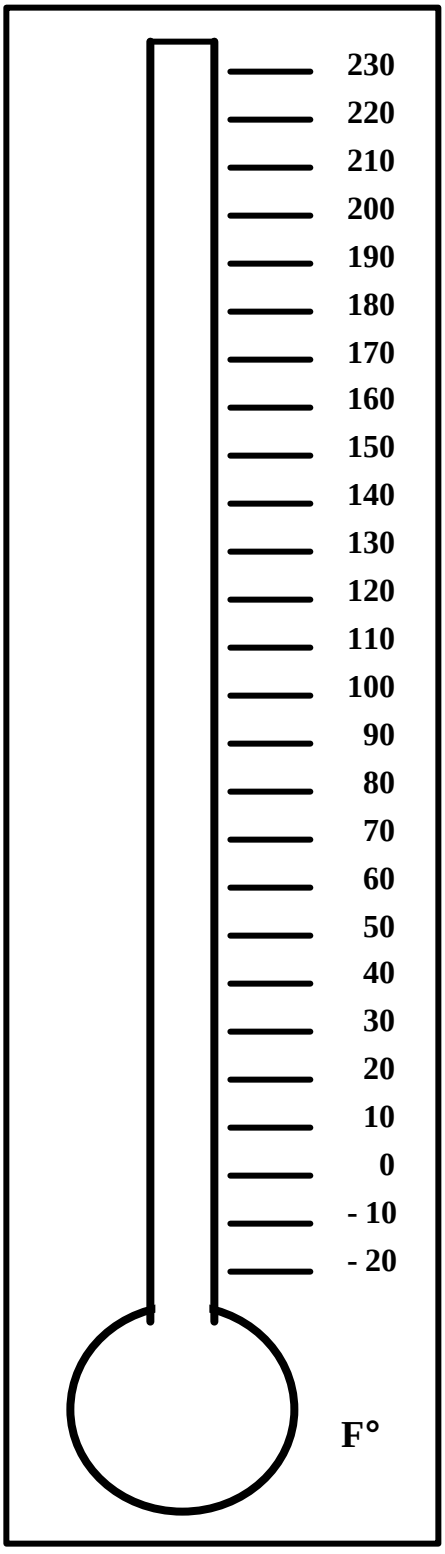


GO.28.16

THERMOMETER – DEGREES FAHRENHEIT-a

Title: _____

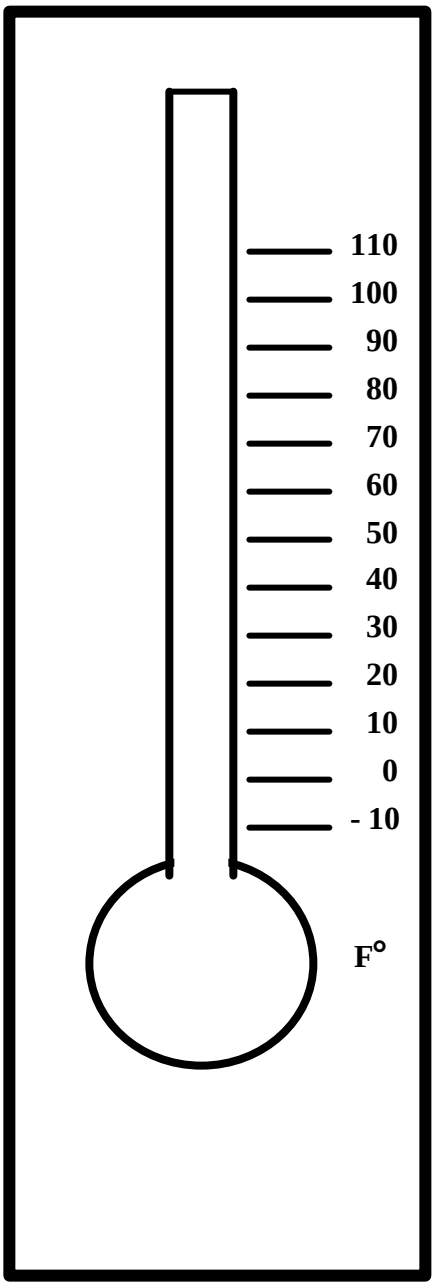
Name: _____ Date: _____



GO.28.17

THERMOMETER – DEGREES FAHRENHEIT-b

Title: _____
Name: _____ Date: _____



GO.28.18

CALORIE AND FAT COUNTER

Name: _____ Date: _____

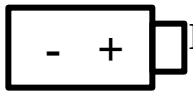
Food	Amount	Calories	Grams of Fat

GO.28.19

DESIGN A CIRCUIT

Name: _____ Date: _____

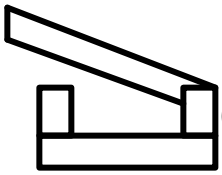
Symbol Key:



Battery

Wire

Bulb



Open Switch

Closed Switch

GO.28.20