

Homework Menu Week of 4/1-4/5

**Homework is assigned Monday and due Friday*

Name: _____

Date: _____

***Pick one assignment from each subject to complete throughout the week. Have a parent initial the box for the assignment that you have completed. To show what you have completed, please send a picture, a sample of your work or another type of evidence.

<u>MATH</u>	Math project-Going on a Shape Walk	Math Game-Number Wheel Spin	Worksheet-Problem of the Lesson: Please complete at least 2 of the 4 options
<u>LANGUAGE ARTS</u>	Reading Comprehension- Weather and Climate article and questions	Writing Options-Choose one writing prompt and try to come up with some convincing reasons why to support your argument #1 I should be allowed sweets every day. #2 Pets should be allowed in school. #3 I should be able to go to bed later.	Stamina Challenge- Write down how much you are reading each night.
<u>SPELLING</u> <i>*Spelling quiz is Friday</i>	With an adult's permission, spread a handful of shaving cream on an easy to clean surface, like a countertop, and practice writing your spelling words in it.	Pop-Up Words: Sit in a crouched position and spell your word out loud. Each time you say a vowel jump up.	Each letter in the alphabet corresponds to a number (a=1, b=2, c=3, etc.). Add up each spelling word. Example: sat=19+1+20=40



Going on a Shape Walk



For this project you will go on a walk in your neighborhood, with an adult family member, to look for shapes.

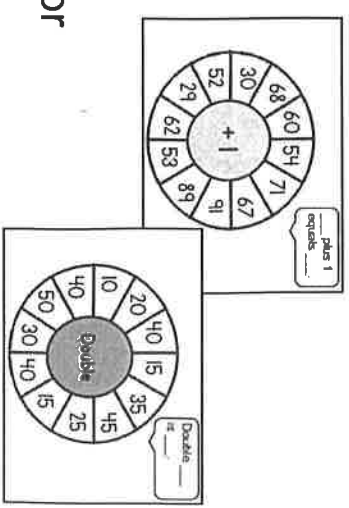
Requirements:

- You may choose one specific shape to look for on your Shape Walk (e.g. just look for triangles), or you may decide to look for as many different shapes as you can. Name each shape you see and talk about its properties (e.g. how many sides does it have?).
- Keep a record of the shapes you see on your walk. You can draw pictures, take photographs or write about the shapes you see.
- Think of a creative way to record the shapes you saw on your walk. You can make a poster, a book, or even a multimedia presentation to share with the class.
- You will have 2-3 minutes to share your project. Practice what you will say with a family member so that you will feel confident speaking in front of the class.

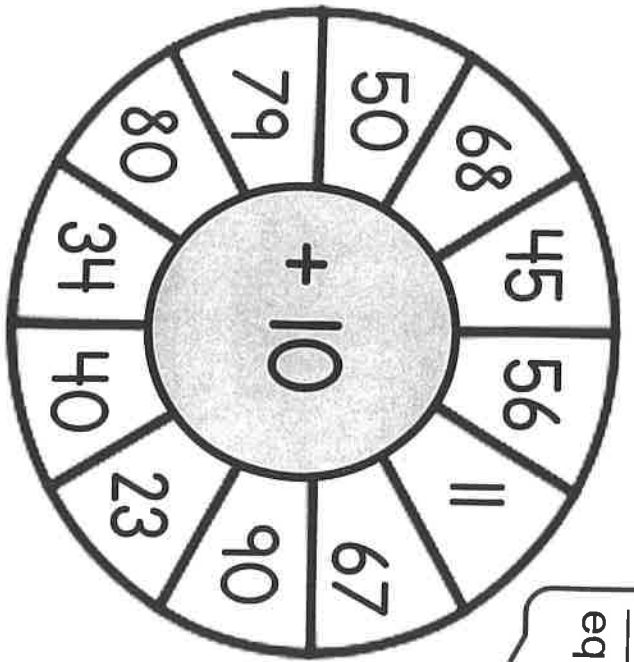
Bring your project to school to share on: _____

Number Wheel Spin

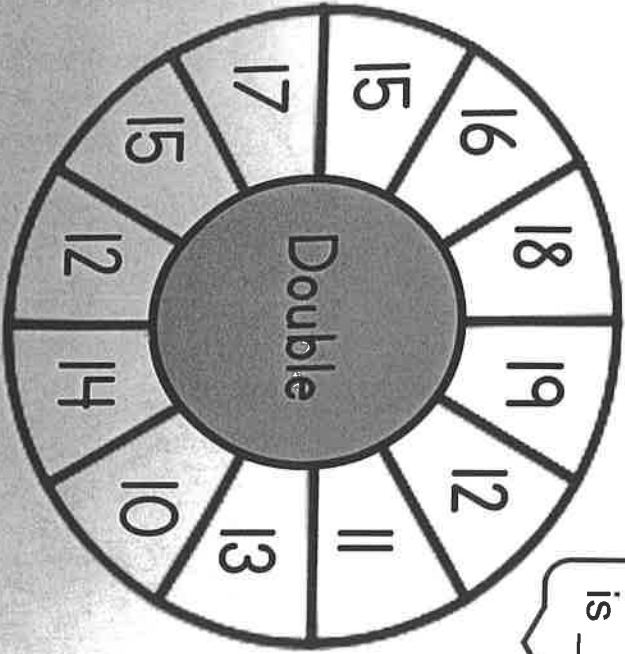
Materials: paperclip, Number Wheel Spin board, 100 chart or calculator



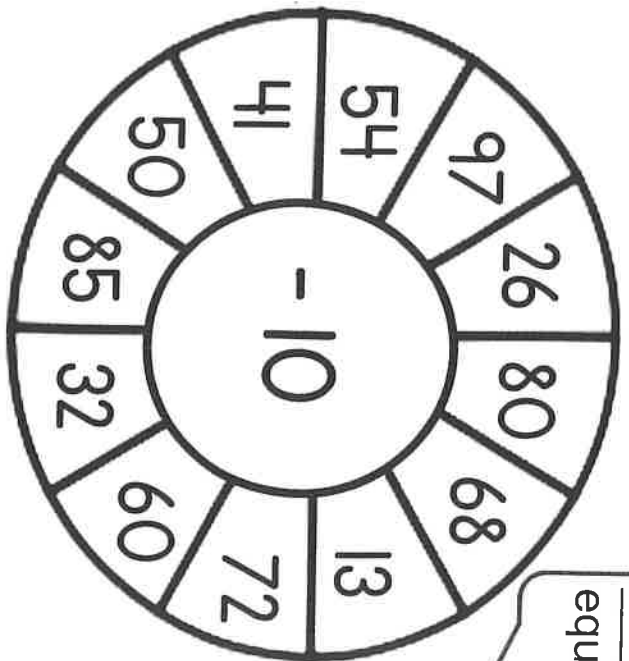
1. Work with a partner. Choose a Number Wheel. Use a pencil and paper clip to make a spinner on the Number Wheel.
2. Take turns to be the *Spinner* and the *Checker*. The *Spinner* spins the paper clip, solves the problem mentally, and completes the math talk sentence.
3. The *Spinner* records the equation. The *Checker* checks the *Spinner*'s work using a 100 chart or calculator.
4. If the equation is correct, the *Spinner* circles it. If the equation is incorrect, the *Spinner* corrects it but does not circle it.
5. Keep taking turns until you have both have five equations. Find the sum of your circled scores. The player with the greater sum wins the game.



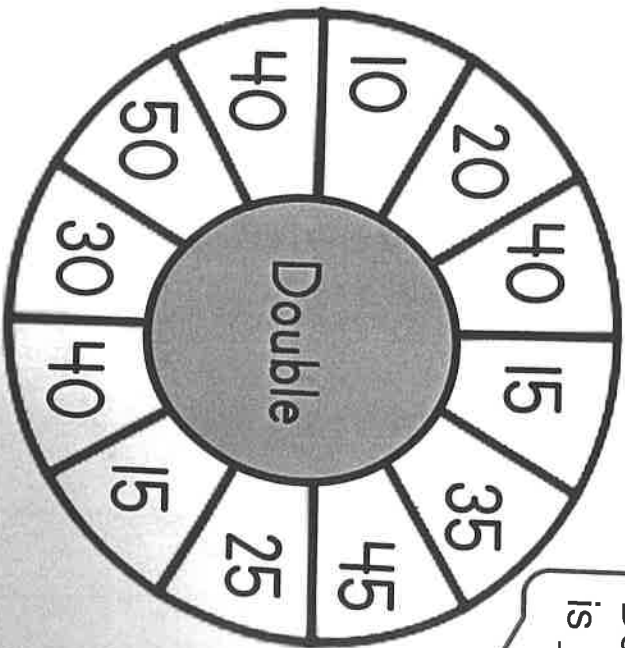
___ plus 10 equals ___.



Double ___ is ___.



___ minus 10 equals ___.



Double ___ is ___.

Chapter 7 Lesson 1

Problem of the Lesson

Here are five objects you see around you or your neighborhood:

A – wastepaper basket

B – bicycle

C – streetlamp

D – traffic light

E – car

How tall are the above objects? Write each letter A–E in the correct column in the table below.

Less than 1 meter	More than 1 meter but less than 2 meters	More than 2 meters

Chapter 7 Lesson 2

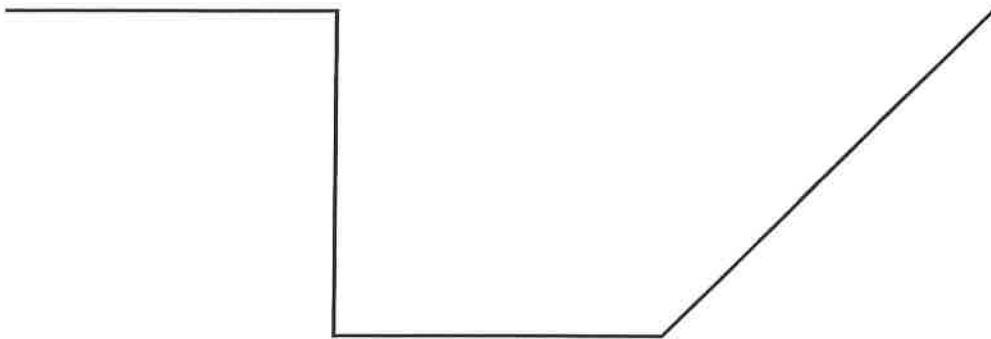
Problem of the Lesson

Sarah has a 7-meter long string. She cuts out part of the string to form a square. Each side of the square is 1 meter. Find the remaining length of the string.

Chapter 7 Lesson 3

Problem of the Lesson

Use a centimeter ruler to find the length of the path below.



Chapter 7 Lesson 4

Problem of the Lesson

Jenna's eraser is 6 centimeters long. Charlie's pen is 8 centimeters long.

- (a) Which object is longer? How much longer?
- (b) What is the total length of the two objects?

Weather and Climate

Look out your window...What kind of day is it outside? Is it sunny and cool, sunny and hot, rainy, or snowy? If you looked out your window, you just checked the weather!

The weather is the state of what is happening outside, at a certain time in a certain place...like right now!

Weather can change quickly, and can occur in very small areas at a time. In Florida, it can rain in your front yard, and be sunny and dry in your backyard! If you want to take a trip to the beach with your family this weekend, you will want to check the weather forecast...which means, what do scientists predict the weather will be like? If the forecast predicts rain this weekend, you can plan the beach trip for another time, because the weather will change again soon!

The climate is like weather, but it is actually the total of what the weather is like in a certain area over an extended amount of time. Florida has a warm and wet climate almost year-round. Alaska has a cold, snowy climate almost year-round. Florida's climate is described as warm and wet, because most of the days in the year include weather that's warm or wet. A climate describes the most common weather type that occurs in a certain area, over the course of the year. Arizona's climate is hot and dry...because it is made up of a large desert!

Name _____

1. Which place is mentioned as having a hot and dry climate?
 - a. Arizona
 - b. Florida
 - c. Alaska

2. Weather can change:
 - a. Quickly
 - b. Next year
 - c. Due to climate

3. The climate in Florida is:
 - a. Dry and warm
 - b. Warm and wet
 - c. In the summer

4. What is climate?
 - a. Total of weather in a certain place over time
 - b. Weather over time
 - c. Time to check the weather outside

Weather vs. Climate

Many people believe that weather and climate are interchangeable words for the same definition. They actually have very different meanings! Weather is a short term phenomenon that occurs in a region over a short period of time. Rain, sleet, snow, wind, current temperatures, and thunderstorms are all examples of weather. Climate is a long term phenomenon that occurs in a region over a long period time. Average rainfall over the years and average temperatures are both examples of climate.

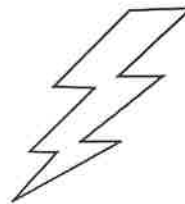
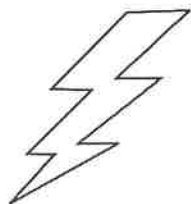
Precipitation in any short amount of time, like you would see on the 7-day forecast, is an example of weather. According to the national weather service, on average, the same city in the United States will only have the exact same temperature for no more than 10 days per year. That means that if the temperature in Atlanta, Georgia is 85 degrees Fahrenheit one day, it will only be 85 degrees Fahrenheit for 9 more days that year on average!

When precipitation, wind patterns, and temperatures are measured over long periods of time (decades and centuries), it is an example of climate. Antarctica, for instance, has a much different climate than California. Because temperatures in Antarctica are cold year round, and they have been for thousands of years, we can say that Antarctica has a cold climate. According to the Encyclopedia Britannica, the Gobi Desert gets less than 2 inches of rain per year. We would say that they have a very dry climate.

A regions climate and weather are not always the same. There are times when a place with a very dry climate has rainfall and times when a very wet place has a drought. Just because a desert has some rainfall doesn't mean that it has a wet climate, it just means it rained on that day, which is an example of weather. The overall conditions of the desert after being observed for many years, however, are dry. The climate of a desert is dry.

Can the climate of a region give us a good hint as to what the weather will be like there on a certain day? Absolutely! If your family decided to take a trip to Florida over the summer to visit beaches, you may assume that the 7 day forecast would be very hot and muggy. Florida has a very hot and muggy climate, so over the course of time, you are more likely to find yourself breaking a sweat on the beaches there rather than needing a coat or jacket.

So, while climate and weather both deal with precipitation and temperature, they actually have some major differences. Weather is what you usually see on the news every day and climate is in it for the long haul.



<p><u>Spelling Words:</u> Skill: <u>Long o</u> Can be spelled <u>oa</u> or <u>ow</u></p> <p>throw throat coast yellow toasted soap soaked toad snowed window shadow growth floating coach croak</p> <p>Challenge words: Cairo pharaoh tropical</p> <p>Trick words: would could should</p>	<p><u>Spelling Words:</u> Skill: <u>Long o</u> Can be spelled <u>oa</u> or <u>ow</u></p> <p>throw throat coast yellow toasted soap soaked toad snowed window shadow growth floating coach croak</p> <p>Challenge words: Cairo pharaoh tropical</p> <p>Trick words: would could should</p>	<p><u>Spelling Words:</u> Skill: <u>Long o</u> Can be spelled <u>oa</u> or <u>ow</u></p> <p>throw throat coast yellow toasted soap soaked toad snowed window shadow growth floating coach croak</p> <p>Challenge words: Cairo pharaoh tropical</p> <p>Trick words: would could should</p>	<p><u>Spelling Words:</u> Skill: <u>Long o</u> Can be spelled <u>oa</u> or <u>ow</u></p> <p>throw throat coast yellow toasted soap soaked toad snowed window shadow growth floating coach croak</p> <p>Challenge words: Cairo pharaoh tropical</p> <p>Trick words: would could should</p>
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