



**Upshur County Snow Packet #1**  
**6<sup>th</sup> Grade**  
**2018-2019**

*Just because we're out of school is "sNOw" reason to stop learning!*

**Instructions: (Read ALL instructions carefully.)**

- Packets will be passed out during Advisory.
- Complete Snow Packet #1 when instructed by Parent Link.
- Put the following heading on each assignment:
  - \* Your Name
  - \* Teacher's Name for that Subject
  - \* Class Period
- Return the completed Day 1 assignments to your subject teacher within two days of returning to school.
- Students with an IEP, who are in self-contained classes, will receive their assignments from their Special Education teacher. If they lose their assignments, they will do the packet that is posted on the school's website for their grade level.

**Sixth Grade**

**Day 1:**

Use the list below to check off your assignments.

**Day 1:**

- \_\_\_ Math: 1-4 Study Guide and Intervention: Order of Operations (1 page)
- \_\_\_ ELA (Reading and English) : Reimagined Time Plan (1 page)
- \_\_\_ Science: A Fishing Fish and The Water Gun Fish (5 pages)
- \_\_\_ Social Studies: The Birth of the Constitution (2 pages)

**1-4**

**Study Guide and Intervention**

**Order of Operations**

6th Grade Math  
Snow Packet  
Day 1

**Order of Operations**

1. Simplify the expressions inside grouping symbols, like parentheses.
2. Find the value of all powers.
3. Multiply and divide in order from left to right.
4. Add and subtract in order from left to right.

\* Show ALL WORK

**Example 1**

Find the value of  $48 \div (3 + 3) - 2^2$ .

$$\begin{aligned}
 48 \div (3 + 3) - 2^2 &= 48 \div 6 - 2^2 && \text{Simplify the expression inside the parentheses.} \\
 &= 48 \div 6 - 4 && \text{Find } 2^2. \\
 &= 8 - 4 && \text{Divide 48 by 6.} \\
 &= 4 && \text{Subtract 4 from 8.}
 \end{aligned}$$

**Example 2**

Write and solve an expression to find the total cost of planting flowers in the garden.

Item	Cost Per Item	Number of Items Needed
pack of flowers	\$4	5
bag of dirt	\$3	1
bottle of fertilizer	\$4	1

<b>Words</b>	cost of 5 flower packs	plus	cost of dirt	plus	cost of fertilizer
<b>Expression</b>	$5 \times \$4$	+	$\$3$	+	$\$4$

$$\begin{aligned}
 5 \times \$4 + \$3 + \$4 &= \$20 + \$3 + \$4 \\
 &= \$23 + \$4 \\
 &= \$27
 \end{aligned}$$

The total cost of planting flowers in the garden is \$27.

**Exercises**

Find the value of each expression.

1.  $7 + 2 \times 3$

2.  $12 \div 3 + 5$

3.  $16 - (4 + 5)$

4.  $8 \times 8 \div 4$

5.  $10 + 14 \div 2$

6.  $3 \times 3 + 2 \times 4$

7.  $80 - 8 \times 3^2$

8.  $11 \times (9 - 2^2)$

9.  $25 \div 5 + 6 \times (12 - 4)$

10. **GARDENING** Refer to Example 2 above. Suppose that the gardener did not buy enough flowers and goes back to the store to purchase four more packs. She also purchases a hoe for \$16. Write an expression that shows the total amount she spent to plant flowers in her garden.

Reading Teacher: \_\_\_\_\_

English Teacher: \_\_\_\_\_

Reimagined Time Plan

Buckhannon-Upshur Middle School

Sixth Grade ELA

**For each day** that weather requires the use of reimagined time ("snow packets"), you will complete the following activities and return the required information to the appropriate teacher.

It is important to note that you will receive a participation grade in both reading and English class for the completion of the daily assignments.

Reading – You know the importance of reading in all aspects of life. You may select any type of reading materials for the completion of the assignments. For example, your current library book, a novel you have at home, a newspaper, magazine, online blog, video game pamphlet, song lyrics, documents, or movie reviews, just to name a few! After fifteen minutes or more of reading, please complete the following reading log and **give this sheet to your READING teacher:**

Title of what you read: \_\_\_\_\_

Date: \_\_\_\_\_ Author (if known): \_\_\_\_\_

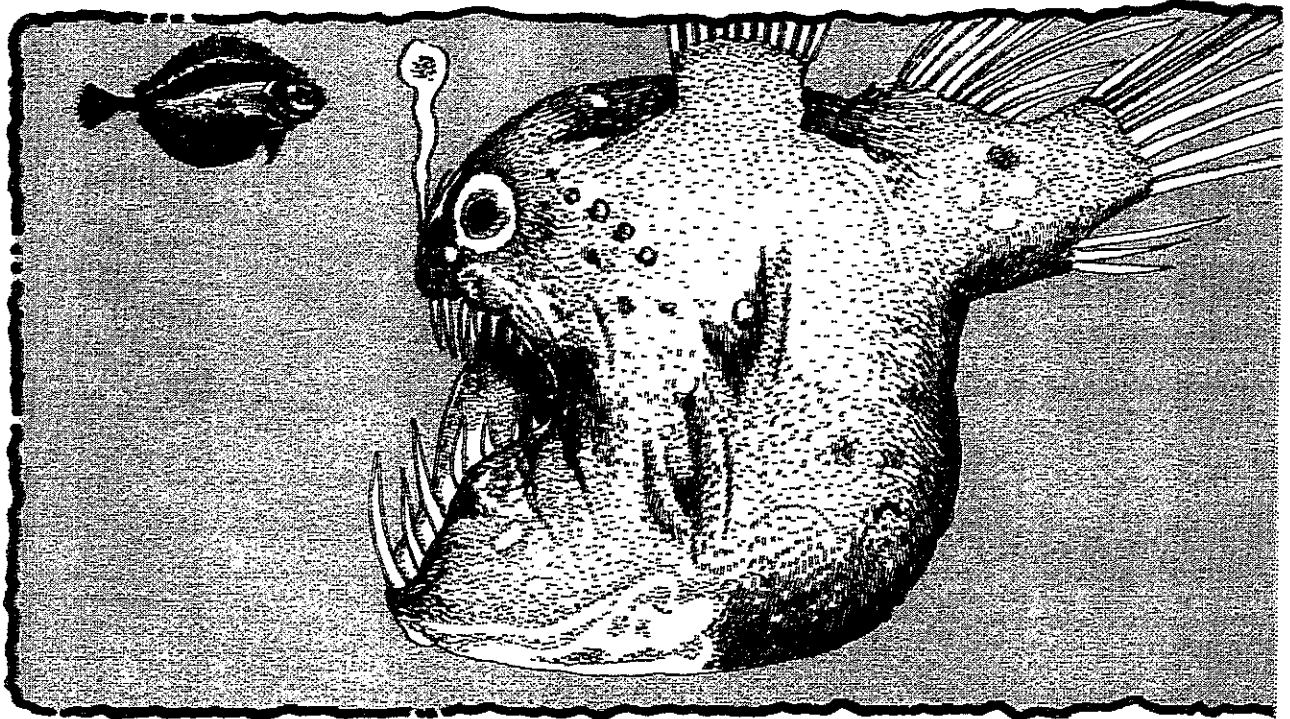
An unknown word you encountered: \_\_\_\_\_

Audience for whom this seemed to be written: \_\_\_\_\_

On a separate sheet of paper (**a piece of notebook paper to turn in to your ENGLISH TEACHER**), write a paragraph or more about what you read. Select **one** or more of the following:

- Summary of what you read
- Write about your favorite or least favorite character
- Three things you learned
- What else would you like to know about this topic?
- Put yourself in that time period and write about what you would be doing
- How does the setting affect the story?
- To whom would you recommend this and why?

## A Fishing Fish



Have you ever heard of a fish that fishes for fish? There is a fish that has done this longer than man. It is called the anglerfish. Actually, there are more than two hundred different species of anglerfish, but they all are alike in one way. They all have some kind of fishing appendage.

The deep-sea anglerfish has a type of fishing line attached to the top of its head. It wiggles a lure-like end to attract other fish. One deep-sea anglerfish even has a lighted bait inside its mouth. The anglerfish waits until a fish gets close enough to grab with its mouth.

The teeth of the anglerfish are sharp and often pointed backward to prevent escape of its victim. Sometimes an anglerfish swallows a fish that is too large. The anglerfish is not always able to release a large fish because it gets caught on its backward-pointing teeth. Both fish may die when this happens.

Only the female fish has the fishing apparatus. In fact, at first scientists seeking the male anglerfish did not recognize it because it looks so different. It is about one-third the size of the female, and it is found joined to the female like a parasite. The eyes and other organs of the male anglerfish degenerate after he becomes a parasite to his mate. He stays in one place, wherever he happens to take hold at first. It may be on her head, her stomach, her back, or even her gill covers.

The female anglerfish spawns her eggs in the ocean. The eggs float to the surface and later hatch. In the early stage the males and females look alike. When they grow older and begin to change, the anglerfish move from the surface to greater depths of the ocean.

## Skills Check

**Directions:** Circle the letters of the correct responses in items 1-4.

1. The story is mainly about
  - a. the angelfish
  - b. the anglerfish
  - c. the deep-sea fish
  
2. The fish in the story is
  - a. predatory
  - b. harmless
  - c. curious
  
3. The word "degenerate" means
  - a. to change
  - b. to deteriorate
  - c. to become more specialized
  
4. A synonym for "appendage" is
  - a. lure
  - b. attachment
  - c. line
  
5. Divide the following words into syllables. Then underline the syllable that receives the primary stress in each word.

a. swallows

b. actually

c. release

d. different

e. surface

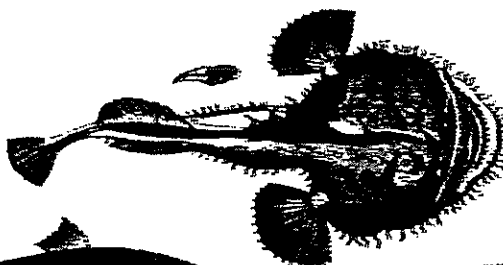
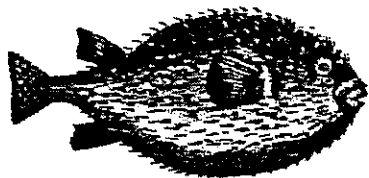
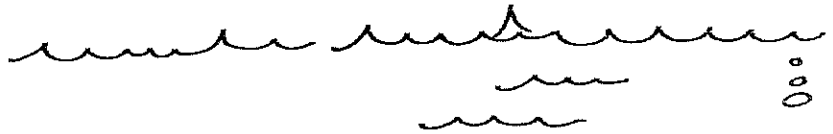
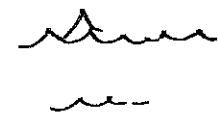
f. parasite

g. degenerate

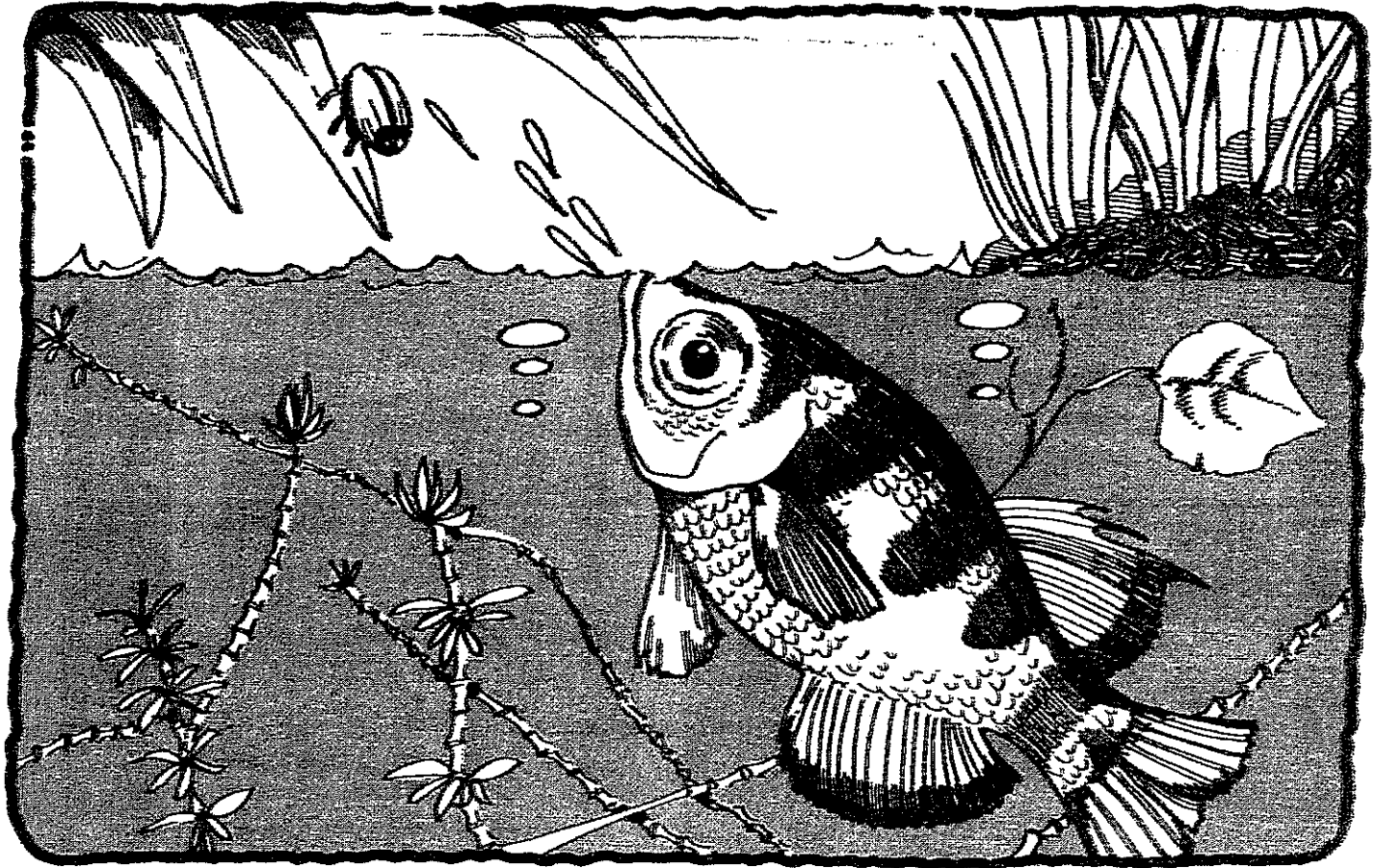
h. lighted

i. dangerous

j. recognize



## The Water Gun Fish



What amazing fish can catch insects and spiders by shooting them down with a stream of water? The archerfish does this. The archerfish is a small striped fish, seldom exceeding seven inches in length when full-grown. It lives in the Indian and Pacific Oceans near Asia and Australia.

Archerfish learn to squirt water at an early age. Even very young archerfish can shoot water short distances. As they grow older they learn to shoot longer distances with greater accuracy.

The adult archerfish is able to hit insects five or six feet above the water. It can hit other targets as well. If it misses a target, it usually tries again with several rapid squirts. It forces water in the gill chambers through a groove in the top of its mouth. Scientists have been able to hold an archerfish in a shooting position and press the gill covers to cause water to spurt like a water gun.

The archerfish is usually an accurate shooter. Scientists say that is because of the way it aims. It swims underneath its target and aims. Then it brings itself to an almost vertical position and shoots out a stream of water. Humans who have been hit by water from the archerfish say that it stings.

Even though the archerfish is known for its ability to catch insects by shooting water, many of them seldom obtain their food that way. Perhaps they just enjoy squirting water.

# Sixth Grade Science Day 1

Name \_\_\_\_\_



**Directions:** Circle the letters of the correct responses in items 1-4.

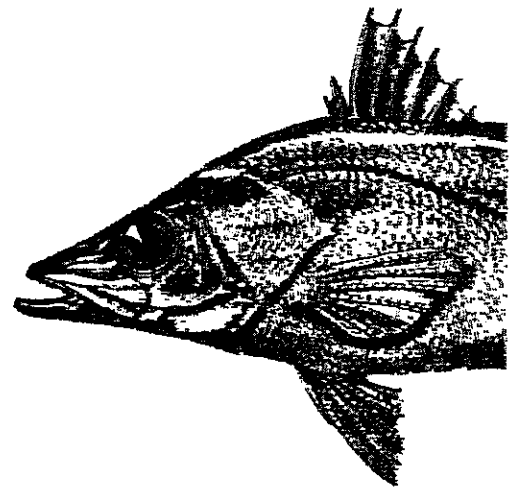
1. The story is mainly about
  - a. a fish that shoots water
  - b. a fish that likes water guns
  - c. a fish that does tricks
  
2. Archerfish learn to squirt water when
  - a. they are about seven inches long
  - b. they are full-grown
  - c. they are very young
  
3. In the story, a word that means "being more than" is
  - a. accurate
  - b. exceeding
  - c. amazing
  
4. A synonym for the word "acquire" is
  - a. shoot
  - b. adapt
  - c. obtain
  
5. Divide the following words into syllables. The first one has been done for you.
  - a. amazing    a/ maz/ ing
  - b. several    \_\_\_\_\_
  - c. accurate    \_\_\_\_\_
  - d. striped    \_\_\_\_\_
  - e. distance    \_\_\_\_\_
  - f. underneath    \_\_\_\_\_
  - g. vertical    \_\_\_\_\_
  - h. position    \_\_\_\_\_
  - i. chambers    \_\_\_\_\_
  - j. ability    \_\_\_\_\_

0000

000

000

000

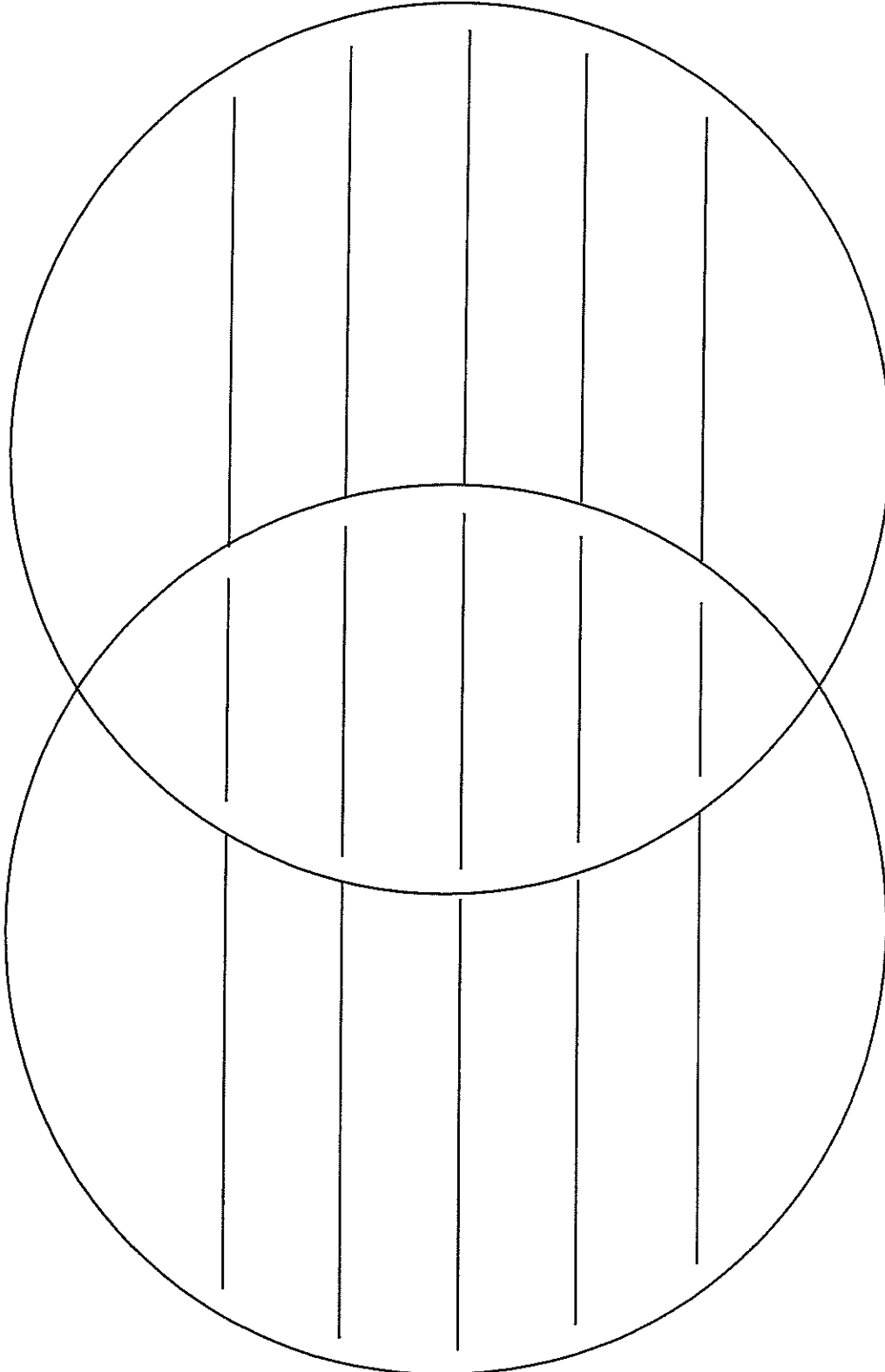


Name \_\_\_\_\_ Date \_\_\_\_\_

**Venn Diagram**

Write details that tell how the subjects are different in the outer circles. Write details that tell how the subjects are alike where the circles overlap.

Subject: Water gun Fish      Subject: Fishing Fish



Copyright © Houghton Mifflin Company. All rights reserved.



DAY 1  
6th Grade  
Social Studies

## THE BIRTH OF THE CONSTITUTION

### Separation of Powers

Another problem facing the Constitutional Convention was how to divide the powers of a government. Who will make the laws? Who will make sure the laws are obeyed? Who will make sure the laws are “good” laws? These questions were answered in the next set of compromises.

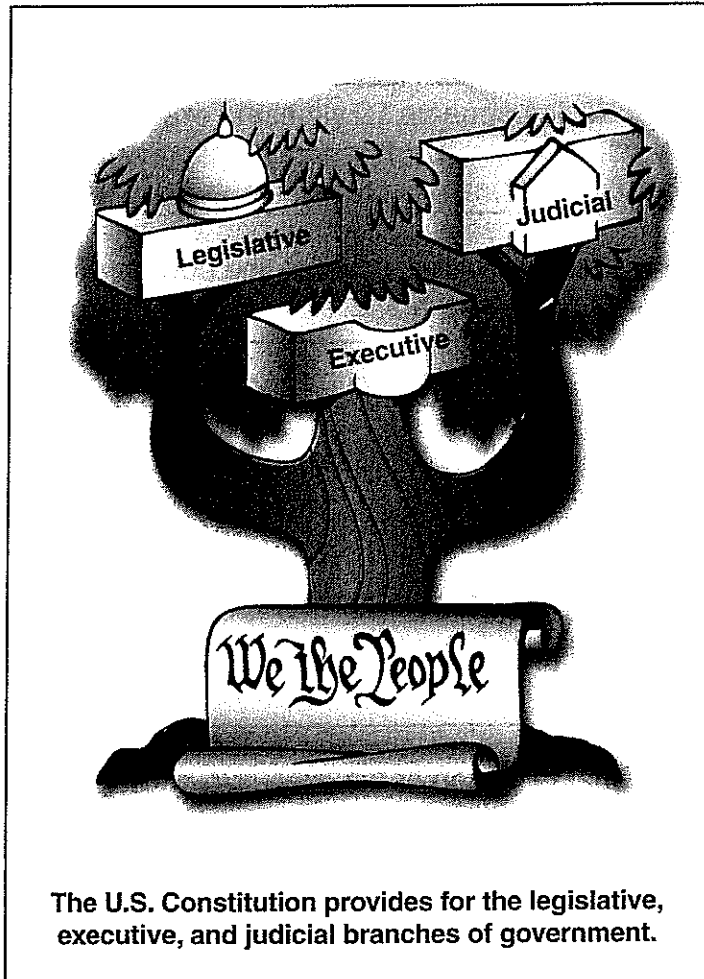
American government can be seen as a tree. The Constitution is the trunk, or base, with three branches extending from that trunk. Those three branches are the legislative branch, the executive branch, and the judicial branch. Each branch has different responsibilities and looks out for and checks the other two branches. These concepts, respectively, are called *separation of powers* and *checks and balances*.

The *legislative* branch was defined during the Great Compromise. Together, the House of Representatives and the Senate make the laws to govern our country. The legislative branch also checks the executive and judicial branches.

The second branch is the *executive* branch. Eventually, the delegates decided to create a chief executive. Under the Articles of Confederation, there was no national leader. The founding fathers had feared creating another “king.” There was much discussion, even talk of having two equally powered leaders. The convention agreed to create one president, but only if the president would be checked or watched by the legislative and judicial branches. The job of the president and the executive branch is to carry out the laws passed by the legislative branch.

The third branch established the *judicial* system. The judicial branch was to be headed by the Supreme Court. It is the job of the Supreme Court to interpret or define the laws. The justices of the Supreme Court are chosen by the president and approved by the Senate. The judicial branch checks the executive and legislative branches.

Each branch has its own specific responsibilities. Each has a separate power. Part of the responsibility of a branch is to control or check the power of the other branches. That way, no one branch gets to be too powerful; each branch is balanced.



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

**THE BIRTH OF THE CONSTITUTION**

DAY 1

***Separation of Powers***  
**Challenges**

1. Define:

Separation of Powers: \_\_\_\_\_

Checks and Balances: \_\_\_\_\_

Legislative: \_\_\_\_\_

Executive: \_\_\_\_\_

Judicial: \_\_\_\_\_

2. Name three ways in which the powers of the United States are divided.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Why are the powers separated? \_\_\_\_\_

\_\_\_\_\_

4. What is the job of the legislative branch? \_\_\_\_\_

\_\_\_\_\_

5. What is the job of the executive branch? \_\_\_\_\_

\_\_\_\_\_

6. What is the job of the judicial branch? \_\_\_\_\_

\_\_\_\_\_

7. What two branches are checked by the legislative branch? \_\_\_\_\_

\_\_\_\_\_

8. What two branches are checked by the executive branch? \_\_\_\_\_

\_\_\_\_\_

9. What two branches are checked by the judicial branch? \_\_\_\_\_

\_\_\_\_\_