

**AMI WORK  
MONDAY,  
APRIL 13<sup>TH</sup>**

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

$11 + 54 =$

What number is 512 less than 587?

$8 + 4 + 6 =$

$$\begin{array}{r} 71 \\ 87 \\ 84 \\ + 405 \\ \hline \end{array}$$

$$\begin{array}{r} 8,227 \\ - 4,405 \\ \hline \end{array}$$

Find the sum of 969 and 44.

Find the sum of 18, 17, and 39.

$$\begin{array}{r} 9,324 \\ - 2,219 \\ \hline \end{array}$$

Subtract 118 from 558.

$$\begin{array}{r} 219 \\ 370 \\ + 563 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 7 \\ 4 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ + 12 \\ \hline \end{array}$$

## Healthy Eating Patterns

**Directions** Read the words in the Word Bank. Choose the item that best completes each sentence. On the blank before each number, write the letter for that item.

**Word Bank**

- |                |                |                |
|----------------|----------------|----------------|
| a) association | e) superior    | i) food fad    |
| b) improved    | f) advertising | j) cholesterol |
| c) famous      | g) pattern     |                |
| d) stress      | h) cultural    |                |

- \_\_\_\_\_ 1) When a product becomes extremely popular throughout the United States, many people may start eating it just to keep up with a \_\_\_\_\_ .
- \_\_\_\_\_ 2) People who are feeling a lot of \_\_\_\_\_ may forget about a healthy diet.
- \_\_\_\_\_ 3) Sometimes people who are trying to lose weight buy a product because its packaging claims it has no \_\_\_\_\_ .
- \_\_\_\_\_ 4) If a food reminds you of a pleasant time or experience, this \_\_\_\_\_ may cause you to eat the food.
- \_\_\_\_\_ 5) Food products advertised as \_\_\_\_\_ may not be better but simply more expensive.
- \_\_\_\_\_ 6) Although a product package claims it is new and \_\_\_\_\_ , only the packaging may have changed.
- \_\_\_\_\_ 7) Often people's food choices are influenced by \_\_\_\_\_ .
- \_\_\_\_\_ 8) Many people follow an eating \_\_\_\_\_ , or schedule.
- \_\_\_\_\_ 9) A food item is not necessarily good just because a \_\_\_\_\_ person does an advertisement for it.
- \_\_\_\_\_ 10) Often people's \_\_\_\_\_ or religious background may affect the food choices they make.

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

## Steam Power

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*Caption: Shown is a Watt-designed parallel motion steam engine used for pumping in a silver mine.*

For thousands of years, people used a variety of things to help them with manual labor. Among these were wind, water, gravity, dogs, horses, and cattle. In A.D. 60, an Egyptian writer named Hero wrote about a machine made of a metal sphere supported by two hollow pipes over a kettle of water. When a fire was lit under the kettle, the water turned into steam. This traveled through the pipes into the sphere. Two L-shaped nozzles in the sphere allowed the steam to escape, causing the sphere to rotate. This interesting device was invented just for fun, but it is an early example of how steam can be used to set objects in motion.



Until about three hundred years ago, people had little success producing energy. In 1690, a French mathematician and physicist named Denis Papin observed that steam expanding in a cylinder pushed a piston up. As the steam then cooled and contracted, the piston fell. Watching the motion of the piston, Papin had an idea. He attached a water pump handle to the piston. As the pump handle rose and fell with the piston, water was pumped.

Eight years later, an English naval captain named Thomas Savery made Papin's device more efficient by using water to cool and condense the steam. Savery's improved pump was used in British coal mines. But the development of steam power didn't stop there.

In 1712, an English blacksmith named Thomas Newcomen improved Savery's device. He added a second piston and a horizontal beam that acted like a seesaw. One end of the beam was attached to the piston in the steam cylinder. The other end of the beam was attached to the pump piston. As the steam piston moved up and down, it created a vacuum in the pump cylinder and sucked water up from the mine. Newcomen's engine was the most widely used steam engine for more than fifty years.

Then in 1764, James Watt was repairing a Newcomen engine. He realized that heating the cylinder, letting it cool, then heating it again wasted an enormous amount of energy. Watt added a separate chamber where the steam could cool and condense. The two chambers were connected by a valve that let the steam escape from the boiler. This improved the engine's efficiency. The boiler could now stay hot all the time.

A few years later, Watt made another change. He turned the whole thing on its side so that the piston moved horizontally. He added a slide valve that let steam come into one end of the chamber, pushing the piston in the opposite direction. Then steam came into the other end of the chamber, pushing the piston back. This changed the steam pump into a true steam engine. Watt patented his design for this "double-acting" piston. It allowed the

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

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steam engine to operate continuously. The later addition of a flywheel made rotary motion possible. Watt's engine helped trigger the Industrial Revolution as many new uses for steam power were found.

An American inventor named Oliver Evans built a stationary high-pressure steam engine. His engine was used to drive a rotary crusher. It was used to crush limestone for farm use. Later, he designed a high-pressure steam engine that was used in driving sawmills, sowing grain, and powering a dredge to clear the Philadelphia waterfront. Evans's steam engines were also used to process paper, cotton, and tobacco.

Richard Trevithick, an English mechanical engineer and inventor, used the high-pressure steam engine to construct the world's first steam railway locomotive in 1803. By 1805, Trevithick had adapted his high-pressure steam engine to move a barge using paddle wheels and to drive an iron-rolling mill. Trevithick's engines also powered one of the first steam dredges in 1806 and drove a threshing machine on a farm in 1812.

In 1941, a locomotive called Big Boy was delivered to the Union Pacific Railroad in Omaha, Nebraska. It weighed two hundred forty-five metric tons. It could pull a 3,600 ton train at a sustained speed of 60 m.p.h. It was one of the largest steam locomotives ever built. It was also one of the final steps in a 2,000 year old search to harness the power of steam.

Steam Power

## Questions

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- \_\_\_\_\_ 1. What was the first useful thing steam power was used to do?
  - A. pump water
  - B. crush limestone
  - C. dredge rivers for boat use
  - D. make a sphere rotate
  
- \_\_\_\_\_ 2. Who was the first person to write about steam making an object move?
  - A. Richard Trevithick
  - B. James Watt
  - C. Hero
  - D. Oliver Evans
  
- \_\_\_\_\_ 3. What were two important changes James Watt invented?
  - A. improved efficiency and continuous operation
  - B. added a water pump handle and made it move like a seesaw
  - C. made the engine bigger and added a bigger piston
  - D. all of the above
  
- \_\_\_\_\_ 4. Which inventor's steam engine was the most widely used for fifty years?
  - A. Papin
  - B. Newcomen
  - C. Savery
  - D. Watt

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

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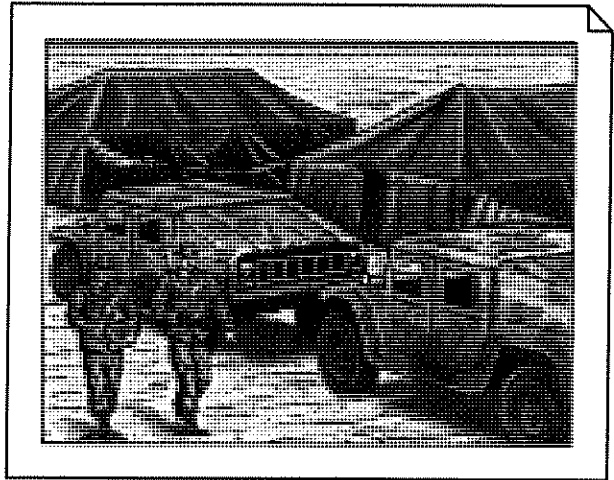
- \_\_\_\_\_ 5. What helped trigger the Industrial Revolution?
- A. new uses for steam power
  - B. the use of the steam engine for dredging ports, opening cities up to trade
  - C. the use of the steam engine for crushing limestone, increasing farm yields
  - D. all of the above
- \_\_\_\_\_ 6. Which inventor came up with the idea of adding a water pump handle to the piston?
- A. Newcomen
  - B. Papin
  - C. Watt
  - D. Savery
- \_\_\_\_\_ 7. James Watt invented the first "true steam engine."
- A. true
  - B. false
- \_\_\_\_\_ 8. Which of these was NOT a use of steam power mentioned in this article?
- A. pumping water
  - B. processing paper, cotton, and tobacco
  - C. powering cars
  - D. crushing limestone

Name:

Date:

## THE PERSIAN GULF WAR

On August 2, 1990, Iraq, a country in the Middle East, invaded a neighboring country, Kuwait. Although Kuwait was small, it had valuable oil fields. Iraq's leader was a dictator named Saddam Hussein. He told the world that Iraq had good reasons to invade Kuwait. He said Kuwait had produced too much oil. This overproduction had made oil prices fall, which caused Iraq to lose over \$15 billion. Hussein also said Kuwait was illegally taking oil from an Iraqi oil field.



The United Nations (UN) said Iraq's invasion of Kuwait was illegal. The UN told Iraq to leave Kuwait by January 15, 1991. If it did not, then the UN would approve the use of military force to make Iraq leave.

Soon after the invasion of Kuwait, American troops went to Saudi Arabia. They lined up along the border of Iraq and Saudi Arabia. This military action was called Operation Desert Shield. The troops were there to protect Saudi Arabia in case Iraq decided to invade that country next.

Then, President George Bush said the United States would help lead a military attack against Iraq if that country did not meet the UN's deadline. This military offensive was called Operation Desert Storm. Its purpose would be to force Iraq out of Kuwait. Led by the United States, a large international force gathered in Saudi Arabia. Thirty-nine countries joined this coalition. They sent troops, ships, air forces, and medical units. The United States sent 400,000 troops. More than 200,000 more troops came from Saudi Arabia, the United Kingdom, France, Egypt, and other countries.

Iraq tried to scare countries into leaving the coalition. Hussein threatened to use chemical weapons and missile attacks against the coalition troops. The deadline of January 15 passed, and Iraq still refused to leave Kuwait.

Two days later, UN forces began an air attack on Iraq. In return, Iraq fired missiles at Saudi Arabia and Israel. On February 24, the coalition began a land attack against Iraq. Iraq agreed to leave Kuwait two days later. The land war had lasted 100 hours.

After the war ended, the UN set some rules for Iraq. It said Iraq had to destroy its chemical and biological weapons and some of its missiles. Iraq could not have any programs to build nuclear weapons. Iraq would also have to allow international inspections to make sure it followed these rules.

Name:

Date:

# THE PERSIAN GULF WAR

## Multiple Choice

*Circle the best answer, and write the letter in the box.*

1. On August 2, 1990, Iraq invaded \_\_\_\_\_.
- A. Iran
  - B. Kuwait
  - C. Saudi Arabia
  - D. Syria
2. \_\_\_\_\_ troops lined up along the border of Iraq and Saudi Arabia in a military action called Operation Desert Shield.
- A. UN
  - B. French
  - C. British
  - D. American
3. An international force gathered for an offensive military action called \_\_\_\_\_.
- A. Operation Desert Storm
  - B. Operation Desert Shield
  - C. Operation Enduring Freedom
  - D. none of the above
4. Iraq was led by \_\_\_\_\_.
- A. Ayatollah Khomeini
  - B. Saddam Hussein
  - C. Fidel Castro
  - D. Osama bin Laden
5. The land war against Iraq lasted \_\_\_\_\_.
- A. 100 weeks
  - B. 100 hours
  - C. 100 days
  - D. 100 months



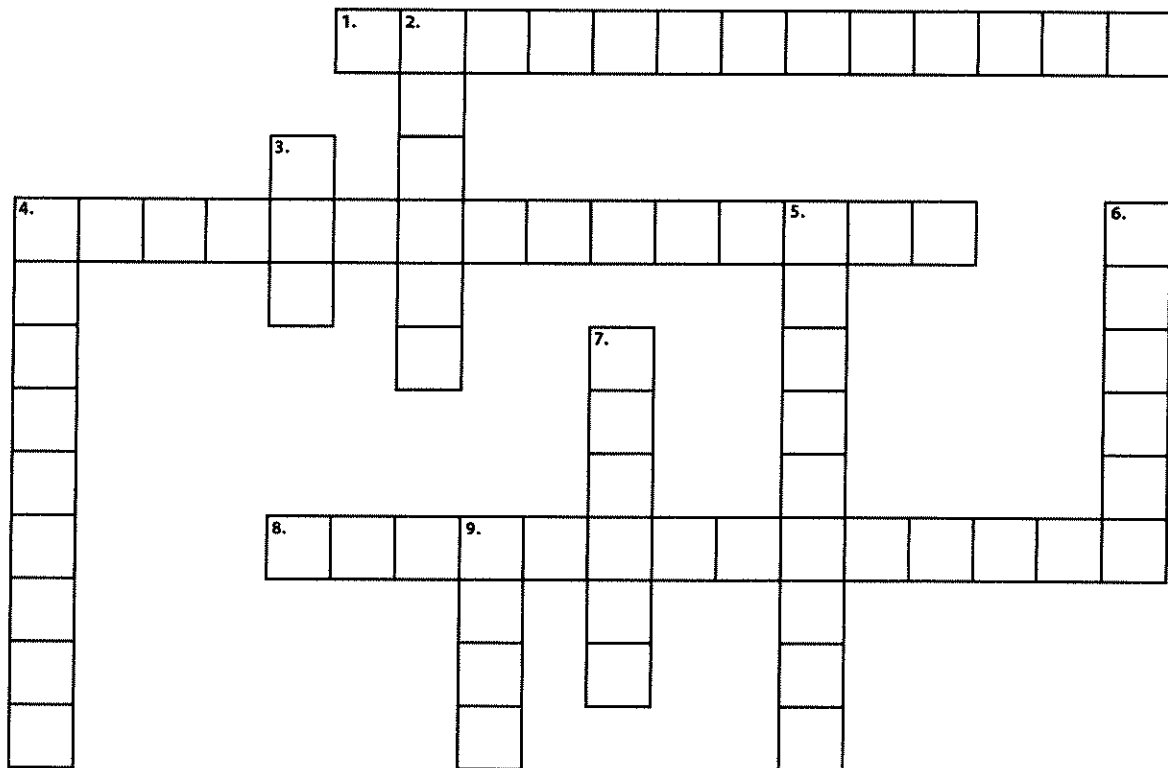
Name:

Date:

# THE PERSIAN GULF WAR

## Crossword Puzzle

Write the best answer in each blank, and complete the crossword puzzle.



**ACROSS**

1. The UN said if Iraq did not leave Kuwait, it would approve the use of \_\_\_\_\_ to make Iraq leave.
4. Saddam Hussein threatened to use \_\_\_\_\_ and missile attacks against the coalition troops.
8. After the war ended, the UN said Iraq could not have any programs to build \_\_\_\_\_.

**DOWN**

2. U.S. troops were sent to protect Saudi Arabia in case Iraq decided to \_\_\_\_\_ Saudi Arabia next.
3. After UN forces began a/an \_\_\_\_\_ attack, Iraq fired missiles at Saudi Arabia and Israel.
4. Thirty-nine countries joined the \_\_\_\_\_ against Iraq.
5. Kuwait had valuable \_\_\_\_\_.
6. The United States sent 400,000 \_\_\_\_\_ to the Middle East.
7. The deadline of January 15 passed, and Iraq still refused to leave \_\_\_\_\_.
9. After the \_\_\_\_\_ attack, Iraq agreed to leave Kuwait.

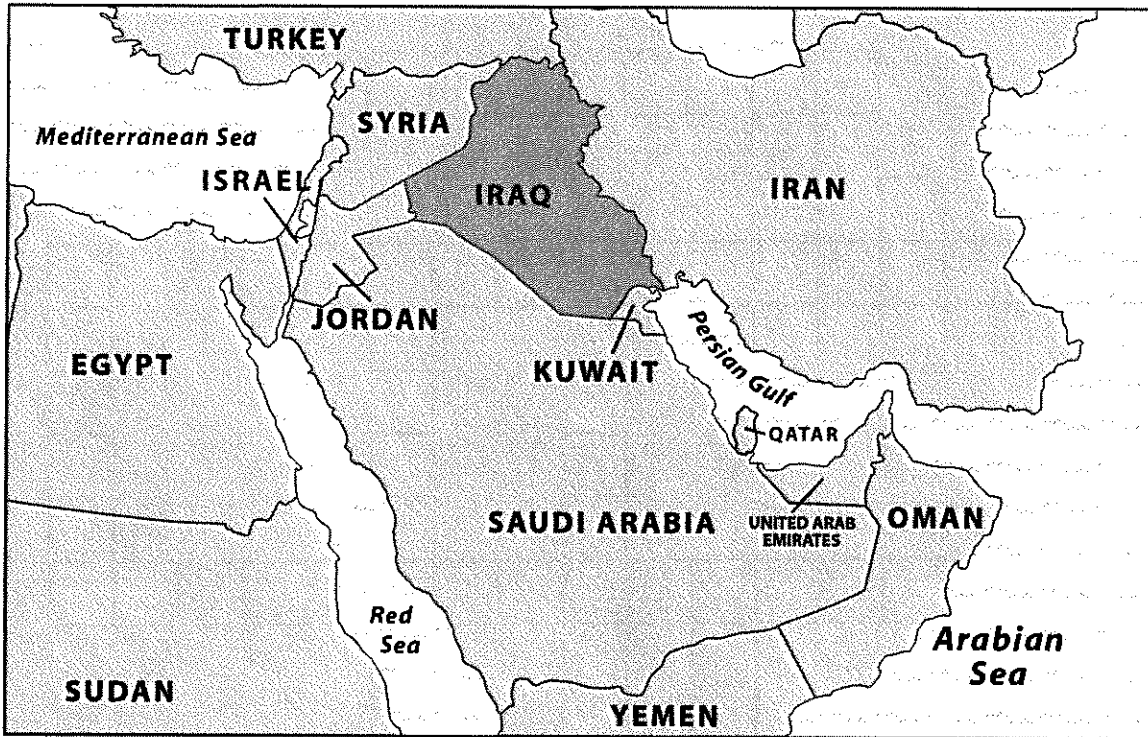
Name:

Date:

# THE PERSIAN GULF WAR

## Map – The Middle East

Use the map to answer the following questions. Write the answers in complete sentences.



1. What are the names of two countries that border Iraq?

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2. Which countries border the Persian Gulf?

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3. Based on location, why did the United States think Saudi Arabia would be the next place Iraq might invade?

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Name \_\_\_\_\_

Date \_\_\_\_\_  
(Answer ID # 0841752)

## Language Arts

**Rewrite each sentence using the correct punctuation.**

1. This has seemed like the longest week of the year hasn't it?

\_\_\_\_\_

2. Jack looked like he was going to cry didn't he?

\_\_\_\_\_

3. It would be nice if the Rangers won again wouldn't it?

\_\_\_\_\_

**Add apostrophes where needed.**

4.

I havent seen my aunts in almost three years.

5.

Bob and Cathy said that theyre going to go to the beach on Saturday if the weather is nice.

6.

"He isnt very nice to other people," she said sadly.

**Rewrite each sentence using the correct punctuation.**

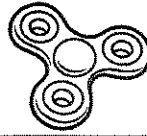
7. My little sister plays with her red wagon Barbie dolls and large blocks.

\_\_\_\_\_

8. We are taking ham sandwiches potato salad baked beans and chocolate chip cookies to the picnic.

\_\_\_\_\_

**AMI WORK  
TUESDAY,  
APRIL 14<sup>TH</sup>**



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

Get a fidget spinner! Spin it.

I needed to spin \_\_\_\_\_ time(s) to finish.

$$\begin{array}{r} 75215 \\ - 738 \\ \hline \end{array}$$

$$\begin{array}{r} 57827 \\ - 766 \\ \hline \end{array}$$

$$\begin{array}{r} 36387 \\ + 837 \\ \hline \end{array}$$

$$\begin{array}{r} 40845 \\ + 614 \\ \hline \end{array}$$

$$\begin{array}{r} 21810 \\ + 671 \\ \hline \end{array}$$

$$\begin{array}{r} 29069 \\ + 155 \\ \hline \end{array}$$

$$\begin{array}{r} 87110 \\ + 794 \\ \hline \end{array}$$

$$\begin{array}{r} 15707 \\ + 809 \\ \hline \end{array}$$

$$\begin{array}{r} 32721 \\ - 614 \\ \hline \end{array}$$

$$\begin{array}{r} 68106 \\ - 938 \\ \hline \end{array}$$

$$\begin{array}{r} 99545 \\ + 960 \\ \hline \end{array}$$

$$\begin{array}{r} 69677 \\ - 752 \\ \hline \end{array}$$

$$\begin{array}{r} 50975 \\ - 509 \\ \hline \end{array}$$

$$\begin{array}{r} 21637 \\ + 305 \\ \hline \end{array}$$

$$\begin{array}{r} 76060 \\ + 947 \\ \hline \end{array}$$

Name \_\_\_\_\_

Date \_\_\_\_\_

Period \_\_\_\_\_

Chapter 8

Workbook  
Activity

25

## A Plan for a Healthy Diet

**Directions** In the space provided, plan a three-day menu for yourself. In this menu, follow the dietary guidelines in Lesson 1 as well as the recommended servings from the Food Guide Pyramid. Name the food you will eat and when. Make sure to give yourself some variety.

### Healthy Diet Day #1

Meal A: \_\_\_\_\_  
\_\_\_\_\_

Meal B: \_\_\_\_\_  
\_\_\_\_\_

Snack: \_\_\_\_\_

Meal C: \_\_\_\_\_  
\_\_\_\_\_

### Healthy Diet Day #2

Meal A: \_\_\_\_\_  
\_\_\_\_\_

Meal B: \_\_\_\_\_  
\_\_\_\_\_

Snack: \_\_\_\_\_

Meal C: \_\_\_\_\_  
\_\_\_\_\_

### Healthy Diet Day #3

Meal A: \_\_\_\_\_  
\_\_\_\_\_

Meal B: \_\_\_\_\_  
\_\_\_\_\_

Snack: \_\_\_\_\_

Meal C: \_\_\_\_\_  
\_\_\_\_\_

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

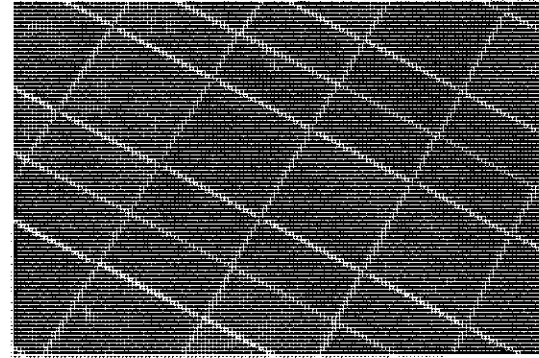
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## How Do Solar Cells Work?

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Solar energy is the most renewable form of energy of all. There is more solar energy coming at us than we will ever need. The problem, of course, is finding ways to capture and use that energy.

Scientists have been making solar cells to do just that since the 1800s. The first solar cell was created in 1883. It was about one percent efficient - no good for anything but experimenting in the lab.



It wasn't until the energy crisis of the 1970s that scientists began to think seriously about using solar energy to produce power for our everyday needs. Today, solar cells are much more efficient than the original ones. Small solar cells power devices like watches and calculators. Solar cells can be combined in large groups called modules. Modules can be combined into even larger formations called arrays. In this way, solar energy can be used to provide power for everything from lights to home heating systems to satellites.

Whether in a small calculator or on the wing of a satellite, solar cells all work in about the same way. Solar cells are made of chemicals known as semiconductors, the same chemicals used in computer chips. Silicon is the chemical most commonly used in solar cells.

These chemicals have special properties. They are useful in solar cells because they absorb sunlight. This is due to the arrangement of their electrons. Like all atoms, silicon has electrons arranged in shells. In the case of silicon, the first two shells are filled, but the third shell has only four electrons. Since they have empty spaces, silicon atoms are always searching for electrons from other atoms to fill up those spaces. This movement of atoms begins to generate a current.

To make the process efficient, chemicals such as phosphorus and boron are added to the silicon. This part of the process is called doping. It helps to set up a constant flow of electrons.

In the solar cell, there are negative atoms with free electrons and positive atoms with extra spaces in their electron shell. The boundary between the two types of atoms is where the current will be generated, turning sunlight into electricity.

Solar cells have metal contacts that draw off the current for use as electricity. Anti-reflective coatings on the solar cells reduce loss of electricity due to reflection. With cells combined into modules and arrays, large amounts of electricity can be produced.

Depending on their intended use, more steps are needed to get the solar cells ready. One example is the solar panels that are put on house roofs. These must be placed carefully to make full use of the available sunlight. They

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

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must be pointed in the right direction and angled just right. On houses in the northern hemisphere, solar cells should be aimed toward the south. They must also be placed where they will not be shaded by trees.

Arrangements must be made to store some of the energy collected by the solar cells during the day for nighttime use. There are two ways to do this. One is by using a battery. A charge controller helps the battery last longer. Even so, batteries do not last indefinitely, and they will eventually need to be replaced. Another way to store solar energy for nighttime use is by tying the solar cells into the utility company's power grid. In this way it is possible to sell excess solar energy to the power company during the day and buy it back as needed during the night.

Some uses of solar power are efficient and save money. Others are less practical and still expensive. In the future, scientists hope to make solar cells more efficient. They hope to find ways to use different chemicals and new ways of manufacturing solar cells. Then everyone will be able to use solar power, the most renewable form of energy on the planet.

How Do Solar Cells Work?

## Questions

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- \_\_\_\_\_ 1. Scientists began trying to find ways to use solar power to provide energy for everyday use in \_\_\_\_\_.
- A. the 1970s
  - B. the 1800s
  - C. 1790
  - D. 1883
- \_\_\_\_\_ 2. Solar power is used to power satellites in space.
- A. true
  - B. false
- \_\_\_\_\_ 3. The chemicals used in solar cells are also used in \_\_\_\_\_.
- A. computer chips
  - B. spaceship frames
  - C. printers
  - D. spaceship engines
- \_\_\_\_\_ 4. Solar roof panels need the protection of shade trees.
- A. false
  - B. true
- \_\_\_\_\_ 5. Energy from solar cells can be stored for use when the sun is not shining by \_\_\_\_\_.
- A. tying into the utility grid
  - B. both
  - C. using a battery
  - D. neither



**Name:** \_\_\_\_\_

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6. One of the most effective uses of solar power so far has been on satellites and other space vehicles. Why do you think this is so?

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7. Name several uses of solar power.

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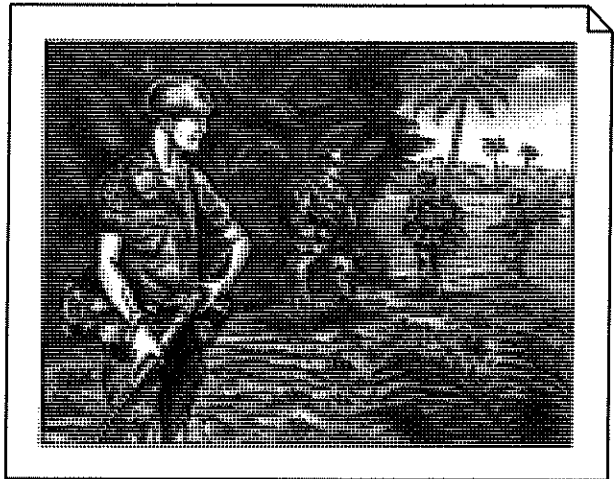
Name:

Date:

## THE WAR IN VIETNAM

**V**ietnam, bordered on the north by China, is a country that is a little smaller than California. In 1954, the French, who had ruled over Vietnam since the 1800s, left Vietnam. A peace agreement divided the country into two parts: North Vietnam and South Vietnam.

North Vietnam was led by communist Ho Chi Minh. He had supporters in South Vietnam called the Viet Cong. Ho Chi Minh and the Viet Cong planned to combine the two parts of Vietnam by force. The United States heard about these plans. It did not want South Vietnam to be taken over by communists. The United States decided to help the noncommunist government of South Vietnam by sending aid and military advisors.



President Lyndon B. Johnson got permission from Congress to send troops to Vietnam in 1964. By 1968, more than half a million Americans were fighting there. The Americans had better equipment, but the Viet Cong and the North Vietnamese army knew the land. They would make sudden attacks and then disappear into the jungle.

Americans at home heard conflicting information about the war. The government said the United States was close to winning the war. On television, though, newscasts reported that more and more Americans were dying in Vietnam. Americans became confused about what was really happening over there. The United States was divided between those people who supported the war and those who did not. Protests happened often and sometimes became violent.

On January 30, 1968, the Viet Cong attacked major cities in South Vietnam. This attack was called the Tet Offensive, named for the Vietnamese new year. American and South Vietnamese forces eventually pushed the enemy back, but the attack was a turning point in the war. In the United States, public support for the war dropped significantly after the Tet Offensive. When the American general in Vietnam asked for more troops, President Johnson said no.

In 1969, President Richard Nixon began taking American troops out of Vietnam. Little by little, the U.S. troops left Vietnam. In January 1973, the two sides signed a cease-fire.

The Vietnam War was the longest war in American history. More than 58,000 American soldiers died. Americans lost faith in the government and in government leaders who misled them about the war. The United States would go through a long period of healing after the Vietnam War.

Name:

Date:

# THE WAR IN VIETNAM

## Multiple Choice

Circle the best answer, and write the letter in the box.

1. \_\_\_\_\_ ruled over Vietnam from the 1800s until 1954.
- A. England
  - B. China
  - C. Japan
  - D. France
2. \_\_\_\_\_ Vietnam was led by communist Ho Chi Minh.
- A. North
  - B. South
  - C. East
  - D. West
3. The \_\_\_\_\_ was the turning point in the war in Vietnam.
- A. Tonkin Gulf Resolution
  - B. withdrawal of American troops
  - C. Tet Offensive
  - D. none of the above
4. The \_\_\_\_\_ made sudden attacks and then disappeared into the jungle.
- A. Viet Cong
  - B. American troops
  - C. South Vietnamese army
  - D. French troops
5. The \_\_\_\_\_ was the longest war in American history.
- A. Civil War
  - B. American Revolution
  - C. Spanish-American War
  - D. Vietnam War

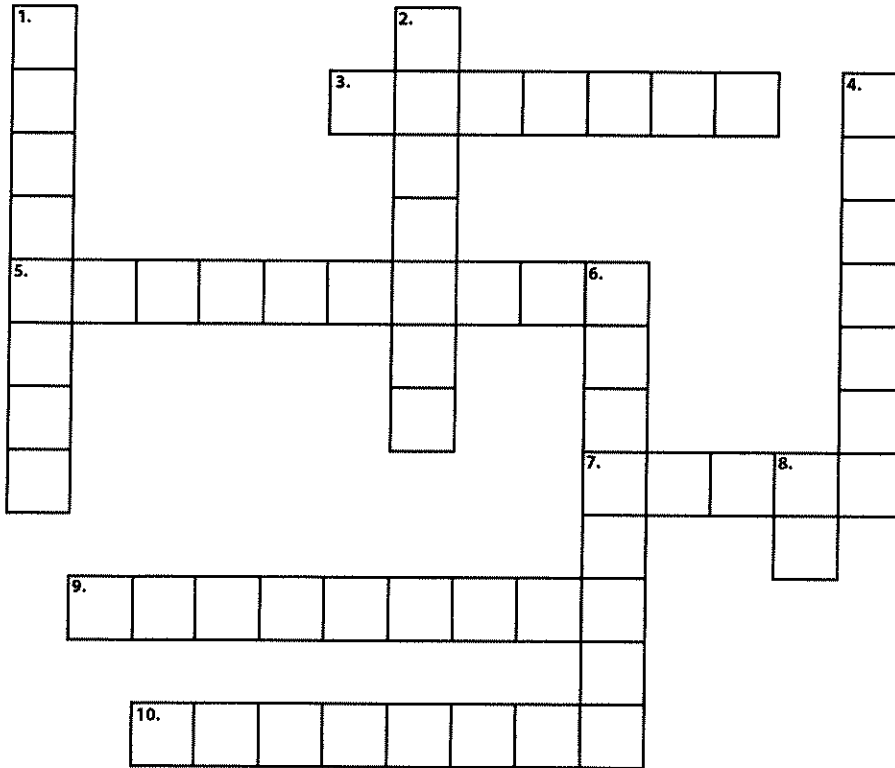
Name:

Date:

# THE WAR IN VIETNAM

## Crossword Puzzle

Write the best answer in each blank, and complete the crossword puzzle.



**ACROSS**

- 3. In 1964, President \_\_\_\_\_ sent troops to Vietnam.
- 5. The United States did not want South Vietnam taken over by \_\_\_\_\_.
- 7. Newscasts reported that many Americans were \_\_\_\_\_ in Vietnam.
- 9. In 1973, the two sides signed a \_\_\_\_\_.
- 10. In the United States, \_\_\_\_\_ about the war sometimes became violent.

**DOWN**

- 1. The \_\_\_\_\_ and North Vietnamese army knew the land well.
- 2. Ho Chi Minh and the Viet Cong planned to \_\_\_\_\_ the two parts of Vietnam.
- 4. The government said the United States was close to \_\_\_\_\_ the war.
- 6. More than 58,000 American \_\_\_\_\_ died in Vietnam.
- 8. When the American general in Vietnam asked for more troops, President Johnson said \_\_\_\_\_.

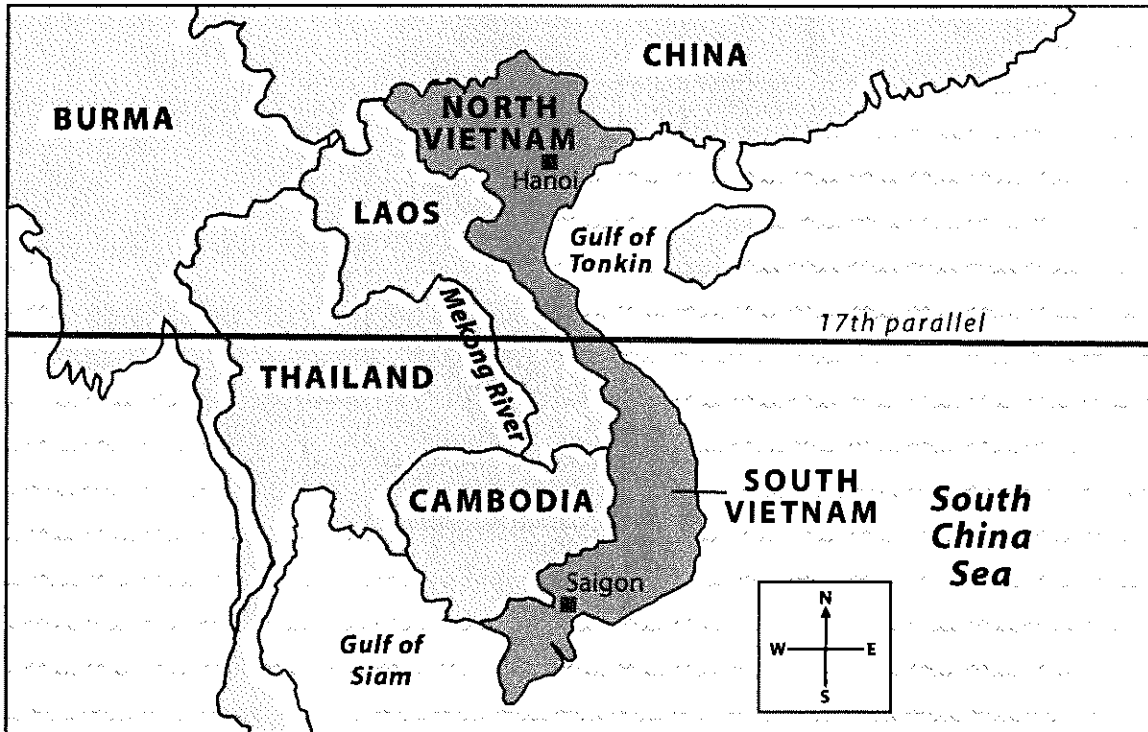
Name:

Date:

# THE WAR IN VIETNAM

## Map – The War in Vietnam

Use the map to answer the following questions. Write the answers in complete sentences.



1. What is the capital of North Vietnam?

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2. What is the capital of South Vietnam?

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3. At which line of latitude is the border between North and South Vietnam?

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**Circle each letter that should be capitalized.**

- |  |
|--|
| 9. according to my friends, i'll never learn to play chess.                  |
| 10. if david doesn't come today, i'll have to take his homework to him.      |
| 11. friday i'm going home with jacob.  |
| 12. mr. smith said that i'm one of his best students.                        |
| 13. if i'd known he was sick, i would have sent him a card.                  |
| 14. i'd like to give my old record collection to my sister for her birthday. |

**Rewrite each sentence. Add punctuation marks where they belong.**

- |  |
|--|
| 15. Dr. Johnson asked William, Did your family visit the beach last summer?<br>_____ |
| 16. Where are your mittens? Rachel asked her little sister.<br>_____                 |

**Rewrite each sentence using the correct punctuation.**

- |   |
|---|
| 17. Bob liked playing drums in the marching band and he also liked playing football.<br>_____ |
| 18. Dad drove me to the doctor's office so Mom doesn't have to leave her job early.<br>_____  |
| 19. Dad took me to the park and we fed the ducks.<br>_____                                    |

**Rewrite each sentence. Use punctuation marks and capital letters where they belong.**

- |   |
|---|
| 20. don't drop the eggs my mother told me.<br>_____                             |
| 21. i think i like the red dress better than the blue one said morgan.<br>_____ |

**AMI WORK  
WEDNESDAY,  
APRIL 15<sup>TH</sup>**

**Complete.**

12. $\begin{array}{r} 34 \\ \times 60 \\ \hline \end{array}$	13. $\begin{array}{r} 49 \\ \times 69 \\ \hline \end{array}$	14. $\begin{array}{r} 60 \\ \times 25 \\ \hline \end{array}$	15. $\begin{array}{r} 20 \\ \times 63 \\ \hline \end{array}$	16. $\begin{array}{r} 53 \\ \times 69 \\ \hline \end{array}$
17. $\begin{array}{r} 95 \\ \times 24 \\ \hline \end{array}$	18. $\begin{array}{r} 53 \\ \times 92 \\ \hline \end{array}$	19. $\begin{array}{r} 18 \\ \times 91 \\ \hline \end{array}$	20. $\begin{array}{r} 65 \\ \times 82 \\ \hline \end{array}$	21. $\begin{array}{r} 15 \\ \times 63 \\ \hline \end{array}$

**Complete.**

22. $\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$	23. $\begin{array}{r} 1 \\ \times 1 \\ \hline \end{array}$	24. $\begin{array}{r} 83 \\ \times 4 \\ \hline \end{array}$	25. $\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$	26. $\begin{array}{r} 90 \\ \times 2 \\ \hline \end{array}$
27. $\begin{array}{r} 4 \\ \times 1 \\ \hline \end{array}$	28. $\begin{array}{r} 15 \\ \times 5 \\ \hline \end{array}$	29. $\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$	30. $\begin{array}{r} 72 \\ \times 1 \\ \hline \end{array}$	31. $\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$

**Complete.**

32. Mrs. Garcia's class divided into seven groups. Each group chose one of the Seven Principles of Kwanzaa. Each group made a poster, wrote a report, and told the class about the principle they had chosen. If there were five students in each group, how many students were in Mrs. Garcia's class?	33. Juanita's family took a vacation to Puerto Vallarta for a week. Juanita and her three sisters spent \$12 each day. How much money did Juanita and her sisters spend in one week?
---	--

**Complete.**

34. Katherine cannot finish baking the cookies on time if she does not hurry. She has baked 2-dozen chocolate chip cookies, 3-dozen chocolate chunk cookies, 2-dozen sugar cookies, and 3-dozen sweet oatmeal cookies. How many cookies has Katherine baked in all?	35. Mrs. Robinson's class is making Halloween boxes for the children at Valley Day Care. They are putting four homemade cookies in each box. There are ten boxes to fill. How many cookies do they need for the four boxes?
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## Labels and Additives

**Directions** Match each item on the left with the correct item on the right. Write the correct letter on each blank. Each item on the right is used once, more than once, or not all.

- |  |  |
|--|--|
| _____ 1) Conducts national food surveys                                      | a) U.S. Congress   |
| _____ 2) Units used to measure fats, vitamins, and other nutrients           | b) natural   |
| _____ 3) Added to some fruit drinks  | c) grams or milligrams                                       |
| _____ 4) Foods without added substances                                      | d) food label  |
| _____ 5) Must include information about nutrients in a product               | e) USDA  |
| _____ 6) The group that studies the nutrients people need                    | f) additive  |
| _____ 7) Set rules for cleanliness in food production                        | g) government agencies                                       |
| _____ 8) Responsible for inspecting meat                                     | h) Food and Nutrition Board of the National Research Council |
| _____ 9) Determines if food ingredients are safe                             | i) vitamin C   |
| _____ 10) The percent of a nutrient compared with the amount needed each day | j) Daily Value   |
| _____ 11) Prevent bacteria from affecting food                               | k) calories  |
| _____ 12) Basis of Daily Values  | l) Nutrition Facts   |
| _____ 13) A substance added to food to change it in some way                 | m) Food and Drug Administration                              |
| _____ 14) Tell the calories and fat per serving                              | n) one serving   |
| _____ 15) Set rules for safety in food production                            | o) preservatives   |

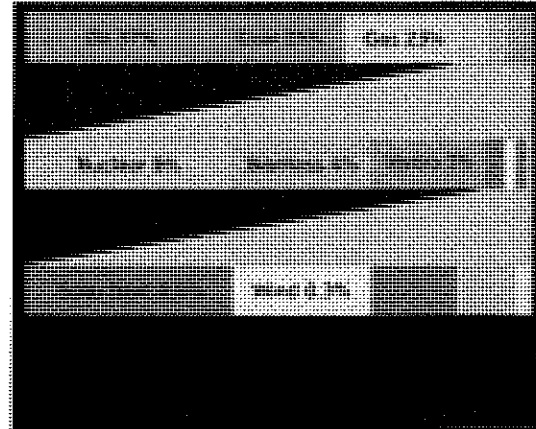
Name: \_\_\_\_\_

## **Biomass**

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What is biomass? It is a source of energy that has been used by humans since they existed. Biomass is actually energy from the earth. It comes from plants and animals. It can be used to fuel our bodies, our cars, and our computers.

The building blocks of biomass are sugars. You know that sugar gives you energy. These sugars can be used to produce other kinds of energy. But where does the sugar come from? Plants. Plants use carbon dioxide from the air, along with water and sunlight to produce sugar.



If we burn wood, the energy the tree captured from the sun is released. The burning also releases more carbon dioxide and water. These can be used to produce new biomass. Very efficient!

Wood is not the only source of biomass fuels. Others include dried field crops and dried waste from animals. Bagasse is made from dried sugar cane. It can be burned to produce power. This energy source supplies Hawaii with about ten percent of its electricity.

Biogas is made from plant and animal waste. The waste is converted into methane gas. The gas is separated from the solid waste. It can be used as a cooking fuel. The leftover solid waste can be used as fertilizer.

Have you heard of gasohol? This is a special fuel made from grain alcohol. This comes from plants such as sugar cane and corn. It is mixed with gasoline to fuel cars. The use of gasohol can stretch our gasoline supplies. It also burns more cleanly than gasoline, reducing air pollution.

Liquid methanol is another biomass fuel that can be used for energy. It can be made from wood. It can also be made from animal waste and garbage.

Biomass fuel has many benefits. First, it is renewable. Plants and trees can be replanted. There are many added benefits of this. Plants produce oxygen that improves the quality of the air we breathe. Plants also reduce soil erosion. They are beautiful to look at. Growing plants for biomass fuels can increase farm production.

Another benefit of biomass fuel is that it can be made from waste products. Animal waste on farms can be dried to produce biofuels. They can also be made from sawdust. Garbage is another source of biomass fuel. Producing energy from these waste products also helps solve the problem of what to do with them. They will not have to be discarded or stored. This will reduce pollution.

There are some disadvantages of biomass fuel, also. To produce enough energy, much land has to be planted. The

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

edHelper

soil and the crops need to be managed carefully. Also, some pollution is produced by biomass fuels. Burning wood and other matter gives off ash and other particles into the air.

Since man discovered fire, he has been using biomass for energy. There are many advantages to using biofuels. As our oil supplies get lower, many energy companies are experimenting with biomass. Will this be the energy of the future?

Biomass

## Questions

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1. What are the building blocks of biomass?

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2. Where do plants get the energy to make sugar?

- A. from biofuels
- B. from animal waste
- C. from the sun

3. Name two examples of biomass fuel.

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4. A mixture of grain alcohol and gasoline is called:

- A. gasohol
- B. methane
- C. bagasse

5. A benefit of biomass fuels is:

- A. Some pollution is given off.
- B. A lot of land has to be planted.
- C. It is renewable.

6. Biogas is made from:

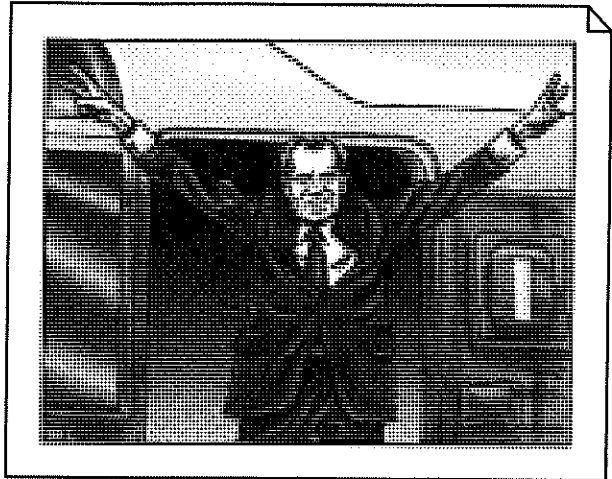
- A. wood
- B. plant and animal waste
- C. sugar cane

Name:

Date:

## THE WATERGATE SCANDAL

**F**ive people broke into the Watergate in June 1972. The Watergate was an office building and apartment complex in Washington, D.C. The headquarters of the Democratic National Committee were located in the Watergate. Police arrested the burglars inside the Democratic Party's offices. The burglars had equipment to copy records and bug telephones.



Suspicion fell on the Republican Party, which was President Richard Nixon's party. Three of Nixon's campaign officials had been involved in the break-in. The President, though, said no White House staff had been involved. Most Americans believed him, and Nixon was re-elected.

The Watergate burglars went on trial in 1973. Most pleaded guilty, which meant they could not be questioned about the case. One of them, however, told the judge that important Republican officials had helped plan the burglary. An investigation soon showed that there had been a cover-up of evidence. Nixon was accused of helping plan the cover-up.

A witness told investigators that Nixon had secretly recorded all the conversations that took place in his office. It was believed that the taped conversations might contain important information about the case. Senate investigators asked the President to let them listen to the tapes. Nixon refused, saying he had the right to keep information about presidential business secret.

People began to think that Nixon was lying about his involvement in the burglary and cover-up. A new Justice Department investigator, Archibald Cox, asked the White House to turn over the tapes. Nixon refused again, so a federal judge ordered Nixon to give the tapes to Cox. Instead of turning over the tapes, Nixon told the Attorney General to fire Cox. The Attorney General resigned instead of firing Cox. The Assistant Attorney General resigned too. Finally, a third member of the Justice Department fired Cox. This chain of events is called the Saturday Night Massacre.

The Supreme Court ruled that Nixon had to turn over the tapes. People now demanded that the President be impeached. To impeach the President is to accuse him or her of wrongdoing. Three articles of impeachment were brought against Nixon. The tapes proved Nixon had known about the Watergate break-in and had ordered the cover-up. Instead of waiting for the House of Representatives to vote on impeaching him, Nixon resigned from office. On August 9, 1974, Vice President Gerald R. Ford took the oath of office and became President. Ford later pardoned Nixon for his crimes.

Name:

Date:

# THE WATERGATE SCANDAL

## Multiple Choice

Circle the best answer, and write the letter in the box.

1. The burglars broke into the headquarters of \_\_\_\_\_.  
A. the Democratic National Committee  
B. the Republican National Committee  
C. President Nixon's re-election committee  
D. all of the above
2. One Watergate burglar told the judge that \_\_\_\_\_ helped plan the burglary.  
A. President Nixon  
B. Vice President Spiro Agnew  
C. the Justice Department  
D. important Republican officials
3. \_\_\_\_\_ finally got Nixon to turn over the tapes.  
A. Senate investigators  
B. A federal judge  
C. The Justice Department investigators  
D. The Supreme Court
4. People demanded that \_\_\_\_\_ be impeached.  
A. Vice President Gerald Ford  
B. Archibald Cox  
C. President Nixon  
D. John Dean
5. On August 9, 1974, \_\_\_\_\_ took the oath of office and became President.  
A. Spiro Agnew  
B. Gerald R. Ford  
C. George McGovern  
D. Jimmy Carter

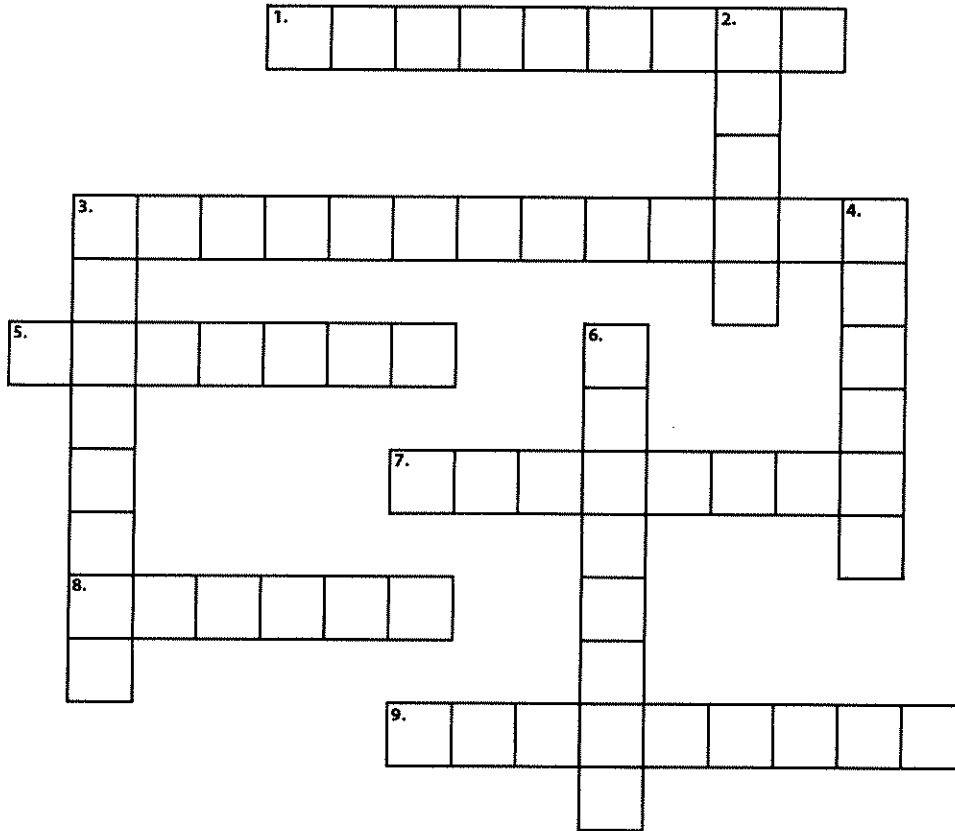
Name:

Date:

# THE WATERGATE SCANDAL

## Crossword Puzzle

Write the best answer in each blank, and complete the crossword puzzle.



ACROSS

1. The burglars had \_\_\_\_\_ to copy records and bug telephones.
3. Nixon had been secretly recording all the \_\_\_\_\_ in his office.
5. To \_\_\_\_\_ the President is to accuse him or her of wrongdoing.
7. The chain of events in which several officials resigned rather than fire Archibald Cox is called the Saturday Night \_\_\_\_\_.
8. Most of the Watergate burglars pleaded \_\_\_\_\_.
9. The \_\_\_\_\_ was an office building and apartment complex in Washington, D.C.

DOWN

2. \_\_\_\_\_ was accused of helping cover up evidence about the Watergate break-in.
3. Three of Nixon's \_\_\_\_\_ officials had been involved in the Watergate break-in.
4. Nixon said he had the right to keep his tapes \_\_\_\_\_ because they included information about presidential business.
6. Nixon \_\_\_\_\_ from office instead of waiting for the House of Representatives to impeach him.

Name:

Date:

# THE WATERGATE SCANDAL

## Time Line – Richard M. Nixon

Use the time line to answer the following questions. Write the answers in complete sentences.

<b>January 9, 1913</b> .....	• Richard Nixon is born in Yorba Linda, California.
<b>1950</b> .....	• Nixon becomes a Senator.
<b>1952</b> .....	• Nixon serves as Vice President under President Eisenhower.
<b>1960</b> .....	• Nixon runs for President and is defeated by John F. Kennedy.
<b>1968</b> .....	• Nixon is elected President.
<b>1972</b> .....	• Nixon is re-elected President. • The Watergate scandal happens.
<b>1973</b> .....	• Vice President Spiro Agnew resigns. Nixon nominates Gerald R. Ford to replace Agnew as Vice President.
<b>1974</b> .....	• As a result of the Watergate Scandal, Nixon faces impeachment and resigns from office.
<b>April 22, 1994</b> .....	• Nixon dies in New York City.

1. Who did Nixon run against for President in 1960?

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2. What happened in 1974?

---

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3. Who became Vice President after Spiro Agnew resigned?

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Name \_\_\_\_\_

Date \_\_\_\_\_  
(Answer ID # 0356977)

Read each sentence. Mark the space for the answer that shows correct punctuation and capitalization for the underlined words.

<p>1. "<u>The Siberian</u> tiger is endangered," the ranger explained.</p> <p><input type="radio"/> A "The, Siberian</p> <p><input type="radio"/> B "the siberian</p> <p><input type="radio"/> C The Siberian</p> <p><input type="radio"/> D Correct as is</p>	<p>2. As soon as Tyler got home from his soccer game, Dad <u>asked</u>, "<u>So</u> how badly did you beat them?"</p> <p><input type="radio"/> A asked, "so,</p> <p><input type="radio"/> B asked, So</p> <p><input type="radio"/> C Asked, "So</p> <p><input type="radio"/> D Correct as is</p>
<p>3. "Stop right there before you get yourself into <u>Trouble</u> Aaron's father shouted.</p> <p><input type="radio"/> A trouble</p> <p><input type="radio"/> B trouble!"</p> <p><input type="radio"/> C Trouble!"</p> <p><input type="radio"/> D trouble!</p> <p><input type="radio"/> E Correct as is</p>	<p>4. "Where are my new basketball <u>shoes</u>?" <u>alexander</u> asked his mother.</p> <p><input type="radio"/> A shoes" Alexander</p> <p><input type="radio"/> B shoes?" Alexander</p> <p><input type="radio"/> C shoes"? Alexander</p> <p><input type="radio"/> D Shoes Alexander</p> <p><input type="radio"/> E Correct as is</p>
<p>5. Although he was five inches taller than <u>Brandon he</u>, was still two years younger.</p> <p><input type="radio"/> A Brandon, he</p> <p><input type="radio"/> B Brandon, He</p> <p><input type="radio"/> C Brandon he</p> <p><input type="radio"/> D Brandon, he,</p> <p><input type="radio"/> E Correct as is</p>	<p>6. "Birds of a feather flock <u>together</u>, said George Wither.</p> <p><input type="radio"/> A together."</p> <p><input type="radio"/> B together,"</p> <p><input type="radio"/> C together"</p> <p><input type="radio"/> D Together,"</p> <p><input type="radio"/> E Correct as is</p>
<p>7. <u>Dawsons</u> plan is to hire more employees to get the job done.</p> <p><input type="radio"/> A Dawsons'</p> <p><input type="radio"/> B Dawso'ns</p> <p><input type="radio"/> C Dawson's</p> <p><input type="radio"/> D Correct as is</p>	<p>8. The Sargasso Sea is surrounded by water, <u>not, land</u>.</p> <p><input type="radio"/> A not land.</p> <p><input type="radio"/> B not land?</p> <p><input type="radio"/> C not, land?</p> <p><input type="radio"/> D Not land.</p> <p><input type="radio"/> E Correct as is</p>
<p>9. During the Civil War, West Virginia is admitted into the Union <u>On June</u> 20, 1863.</p> <p><input type="radio"/> A on June</p> <p><input type="radio"/> B on June,</p> <p><input type="radio"/> C on june</p> <p><input type="radio"/> D On June,</p> <p><input type="radio"/> E Correct as is</p>	<p>10. Coca <u>Colas</u> formula remains a guarded secret.</p> <p><input type="radio"/> A Colas'</p> <p><input type="radio"/> B Cola's</p> <p><input type="radio"/> C Col'as</p> <p><input type="radio"/> D Correct as is</p>



**AMI WORK  
THURSDAY,  
APRIL 16<sup>TH</sup>**

Name \_\_\_\_\_

**Complete.**

16. Before Abigail decided to plunge into the swimming pool, she wanted to be sure that it was deep enough for her. Abigail is five feet four inches. The pool is six feet nine inches. How much deeper is the pool than Abigail's height?	17. The Mountain Springs library is open from 7 a.m. until 8 p.m. on Monday - Friday, and from 10 a.m. until 3 p.m. on Saturday. It is closed on Sunday. How many hours is the library open each week?
--	--

**Complete.**

18. $\begin{array}{r} 81 \\ \times 81 \\ \hline \end{array}$	19. $\begin{array}{r} 42 \\ \times 75 \\ \hline \end{array}$	20. $\begin{array}{r} 25 \\ \times 15 \\ \hline \end{array}$	21. $\begin{array}{r} 61 \\ \times 26 \\ \hline \end{array}$	22. $\begin{array}{r} 45 \\ \times 29 \\ \hline \end{array}$
23. $\begin{array}{r} 15 \\ \times 57 \\ \hline \end{array}$	24. $\begin{array}{r} 58 \\ \times 76 \\ \hline \end{array}$	25. $\begin{array}{r} 64 \\ \times 51 \\ \hline \end{array}$	26. $\begin{array}{r} 13 \\ \times 45 \\ \hline \end{array}$	27. $\begin{array}{r} 80 \\ \times 58 \\ \hline \end{array}$

**Complete.**

28. $8 \times 9 \times 2 \times 5 \times 4$	29. $6 \times 3 \times (7 \times 1)$
30. $4 \times 9 \times 8$	31. $(2 \times 1) \times (7 \times 5) \times 6$
32. $3 \times (4 \times 7)$	33. $8 \times 3 \times 1 \times 5$

**Complete.**

34. Scott wants to buy soft drinks from a vending machine. He has eight 100-yen coins and three 500-yen coins in his pocket. The vending machine has cold beverages priced at 200 yen and hot beverages priced at 350 yen. If Scott wants to buy both a cold and a hot beverage, how much money will he have left?	35. A newborn baby blue whale weighs from 6,000-8,000 pounds and gains approximately 200 pounds per day up to the age of 8 months. Baby Blue was born weighing six thousand, nine hundred two pounds. He began to consume massive amounts of plankton every day. What would his approximate total weight be after twenty-seven days?
--	--

NAME: \_\_\_\_\_ CLASS: \_\_\_\_\_ DATE: \_\_\_\_\_

## Let's Get Fooducated!

### Product:



Nutrition Grade

### Ingredient List:

Carbonated Water, High Fructose Corn Syrup, Caramel Color, Phosphoric Acid, Natural Flavors, Caffeine

### Nutrition Facts:

Serving Size 1 can (12 fl oz)  
Serving Per Container 1

#### Amount Per Serving

**Calories** 140

% Daily Values\*

**Total Fat** 0g **0%**

Saturated Fat 0g **0%**

Trans Fat 0g

**Cholesterol** 0mg **0%**

**Sodium** 45mg **2%**

**Total Carbohydrate** 39g **13%**

Dietary Fiber 0g **0%**

Sugars 39g

**Protein** 0g **0%**

\*Percent Daily Values are based on a 2,000 calorie diet. Your Daily Values may be higher or lower depending on your calorie needs.

	Calories	2,000	2,500
Total Fat	Less than	65g	80g
Sat Fat	Less than	20g	25g
Cholesterol	Less than	300mg	300mg
Sodium	Less than	2400mg	2400mg
Total Carbohydrate		500g	375g
Dietary Fiber		25g	30g

1. How many grams of sugar are in this can? \_\_\_\_\_

2. Approximately how many teaspoons of sugar are in this soda? \_\_\_\_\_  
(HINT: there are 4 grams of sugar per teaspoon)

3. Have you ever tried drinking a glass of water with the same amount of sugar added? \_\_\_\_\_

4. How many calories are in a can? \_\_\_\_\_

5. How many of the calories are from sugars? \_\_\_\_\_  
(HINT: each sugar is 4 calories)

6. What would be a better alternative to a soft drink? \_\_\_\_\_

7. What nutrition grade should this product get? (examples: A, B+, C-) Write the grade in the Nutrition Grade circle above.



Scan this barcode with the Fooducate app to learn more



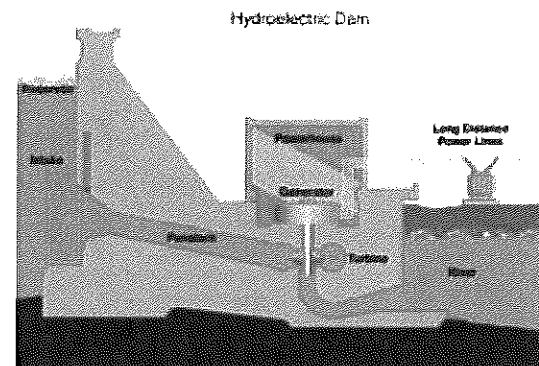
www.fooducate.com

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

## Energy from Water

Niagara Falls is one of the largest waterfall systems in the world. Enormous amounts of water flow over the falls every second. This movement releases a great amount of energy. It is used to produce electricity. How does this work?

Originally, as much as 1.5 million gallons of water flowed over the falls every second. That's a lot of water! People decided to put the water to work. They wanted to use it to make electricity. Now, water is diverted from the river. It flows under the city of Niagara Falls, New York, to two different power plants. Between 50% and 75% of the water flowing down the river is diverted. More water is diverted at night and during the low tourist season. During the summer, less water is diverted and more water is allowed to go over the falls to make sure that people can still enjoy the beauty and power of the falls.



The water that is diverted from the river to the power plants is used to make electricity. The water flows over huge turbines. The motion of the water turns the turbines. This converts the kinetic energy of moving water to mechanical energy. It drives a generator that produces electricity. At one of the plants, the generators can also be used as pumps. When demand for electricity is low (and the price of operating a pump is low), water that has already gone through the turbines is pumped back up to the water reservoir. This means that the same water can be used over and over again to create electricity. There is enough electricity made to power western New York and parts of Canada.

Electricity that is generated from flowing water is called hydroelectric power. The Niagara is not the only river that produces this kind of power. This happens all over the world. Dams are built across rivers. Behind the dam is a reservoir. The water flows through large pipes. It turns the turbines that produce electricity.

Power from water sources has many advantages. First, it does not pollute the environment. Dams provide drinking water to surrounding areas. They control flooding. They are places for swimming, boating, and fishing. Water power is inexpensive to produce and is a renewable source of energy.

There are also some disadvantages of hydroelectric power plants. Building dams disrupts the habitats of both animals and people. The natural pattern of water flow is changed. The reservoir behind the dam floods the land permanently.

Rivers are not the only source of energy from water. The movement of the ocean waves can also be harnessed to produce electricity. Barriers have been built over ocean inlets. As the tide ebbs and flows, the energy is captured in tidal power plants. This energy is also non-polluting. However, the barriers can disrupt the marine life in these areas.

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

The cool water that flows in rivers and oceans is not the only source of energy from water. Hot water can also produce heat energy and electricity. Geothermal energy comes from Earth's internal heat.

As you go deeper below the surface, the temperature increases. In some places, this heat collects in large pools of steam or hot water. Wells can be drilled deep into the earth to release this energy. It can be piped to power plants and made into electricity. It can also be used as heat energy to warm homes and other buildings. Geothermal energy from water is called hydrothermal energy.

Hydrothermal energy is very efficient, but it is not widely used. There are some good reasons for this. Hydrothermal energy is only found at certain sites. It is most efficient closest to the area where it is found, so power plants must be built very close to the source. As hot water is piped away from the source, it cools, losing its ability to heat. Hydrothermal energy can be risky for businesses to invest in. It is difficult to predict water temperatures, volumes, and many other variables that can have a big impact on profitability. Also, hydrothermal energy is not a completely renewable energy source. As steam and hot water are pumped from the reservoir, cooler water takes its place. Eventually the source will run out of hot water.

There are many ways to produce heat and electricity from water. These are natural sources of energy. They can be harnessed to help meet our demand for power, while producing very little pollution.

## Energy from Water

### Questions

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\_\_\_\_\_ 1. Electricity generated by flowing water is called:

- A. hydrothermal energy
- B. hydroelectric power
- C. geothermal energy

2. Name two sources of hydroelectric power.

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\_\_\_\_\_ 3. One disadvantage of hydroelectric power is:

- A. It produces pollution.
- B. It is a renewable source of energy.
- C. Habitats are disrupted.

\_\_\_\_\_ 4. Earth's internal heat produces:

- A. electricity
- B. geothermal energy
- C. hydroelectric power

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

\_\_\_\_\_ 5. Moving water has \_\_\_\_\_.

- A. mechanical energy
- B. kinetic energy

6. What is one reason hydrothermal energy is hardly used?

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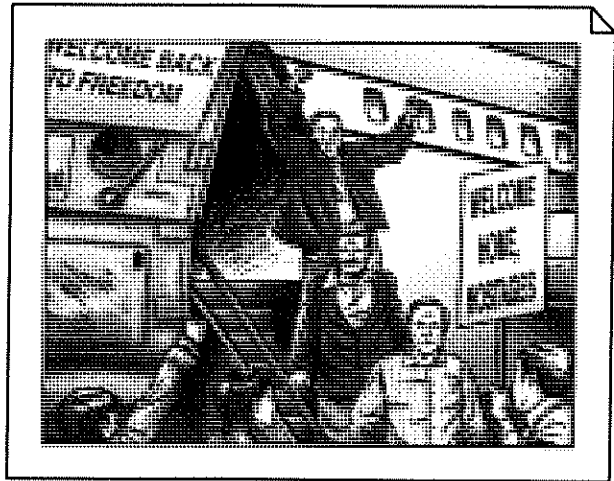
Name:

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## THE IRAN HOSTAGE CRISIS

In 1979, a revolution broke out in Iran, a country in the Middle East. Islamic fundamentalists, led by religious leader Ayatollah Khomeini, overthrew the shah, or king, of Iran. The shah fled from Iran, and the Ayatollah took over the country. The Ayatollah wanted the shah to return to Iran to go on trial as a criminal.

U.S. President Jimmy Carter let the shah enter the United States to be treated for cancer. Some Iranians were angry that Carter had let the shah come into the country. They were afraid the United States might help the shah take back Iran.



On November 4, 1979, 500 Iranian students took over the American embassy in Tehran, Iran. They took some of the American employees hostage. Some hostages were later let go, but 52 of them were held as prisoners inside the embassy for over a year.

President Carter stopped importing oil from Iran. He also froze Iranian assets in the United States. Carter hoped to pressure Iran to free the hostages. He then tried talking with the Iranians, but nothing worked. On April 24, 1980, the United States sent in a rescue mission. Something went terribly wrong, though, and three rescue helicopters broke down in the desert. Another helicopter crashed into a plane. Eight people died in the accident, and the rescue mission failed.

News of the rescue mission failure frustrated Americans. Each night, they watched news programs count the days the hostages had been held prisoner. Americans began to talk badly about President Carter. They worried about how the United States was losing control over world events.

In 1980, two important events happened. The shah died, and Iraq invaded Iran. These two events made Iran feel differently about ending the hostage crisis. The United States agreed to unfreeze most Iranian assets. In exchange, Iran had to let the hostages go. On January 20, 1981, President Ronald Reagan's inauguration day, the hostages were freed. They had been prisoners for 444 days.

The release of the hostages on Reagan's inauguration day lifted Americans' spirits. Americans had suffered through ten years of economic problems and over a year of the hostage crisis. The country needed some good news. In his inaugural address, Reagan told Americans he would deliver what they wanted. Reagan said, "Let us begin an era of national renewal .... And let us renew our faith and hope. We have every right to dream heroic dreams."

Name:

Date:

# THE IRAN HOSTAGE CRISIS

## Multiple Choice

Circle the best answer, and write the letter in the box.

1. In 1979, Islamic fundamentalists overthrew the shah of \_\_\_\_\_.
- A. Iraq
  - B. Iran
  - C. Israel
  - D. Syria
2. President Jimmy Carter let the shah enter the United States to \_\_\_\_\_.
- A. vacation
  - B. work
  - C. be treated for cancer
  - D. none of the above
3. Iranian students took over the American embassy and held hostages for \_\_\_\_\_.
- A. 4 days
  - B. 444 days
  - C. 4 weeks
  - D. 4 months
4. To try to make Iran let the hostages go, President Carter \_\_\_\_\_.
- A. stopped importing oil from Iran
  - B. froze Iranian assets in the United States
  - C. talked with the Iranians
  - D. all of the above
5. The hostages were finally let go on \_\_\_\_\_'s inauguration day.
- A. Jimmy Carter
  - B. Ronald Reagan
  - C. Gerald Ford
  - D. George Bush



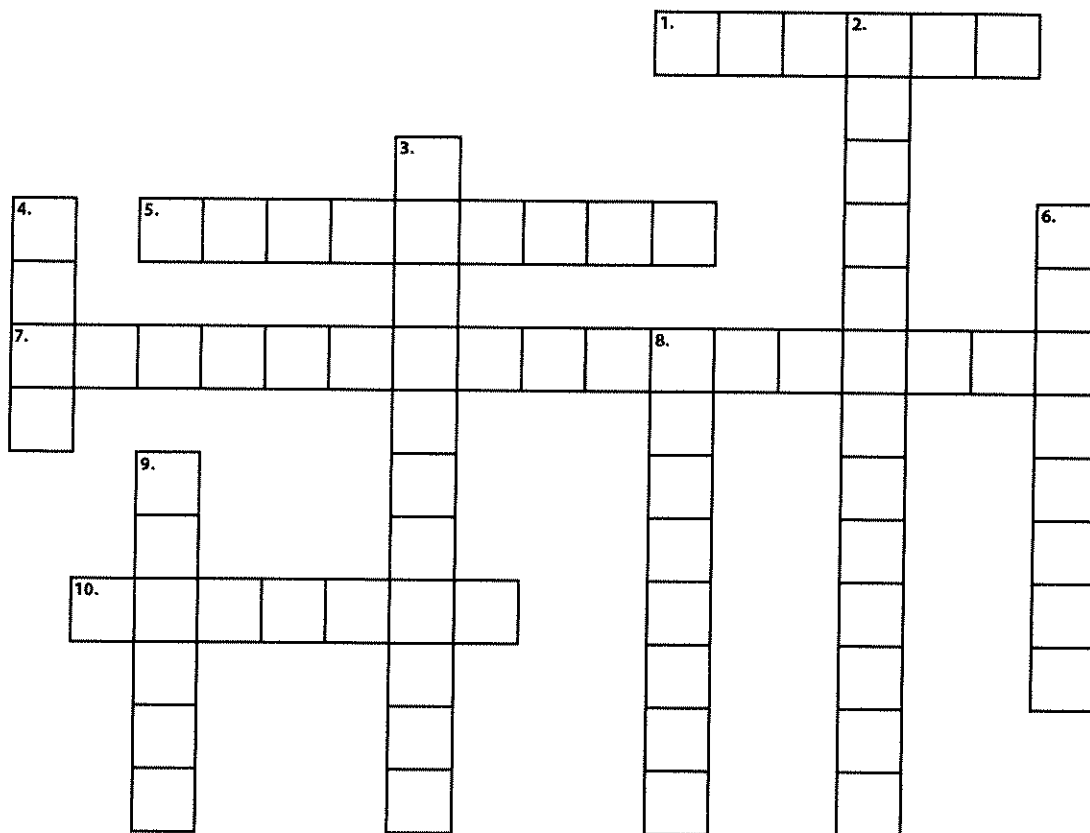
Name:

Date:

# THE IRAN HOSTAGE CRISIS

## Crossword Puzzle

Write the best answer in each blank, and complete the crossword puzzle.



**ACROSS**

1. Iranian students took over the American embassy in \_\_\_\_\_, Iran.
5. Fifty-two Americans were held as \_\_\_\_\_ for over a year.
7. \_\_\_\_\_ overthrew the shah and took over Iran.
10. Three rescue helicopters broke down, and another one \_\_\_\_\_ into a plane.

**DOWN**

2. Eight people died in the helicopter accident, and the \_\_\_\_\_ failed.
3. Americans worried about how the United States was losing control over \_\_\_\_\_.
4. In 1980, the \_\_\_\_\_ died.
6. The Ayatollah wanted the shah to go on trial as a \_\_\_\_\_.
8. The release of the \_\_\_\_\_ lifted Americans' spirits.
9. Iranians were angry that \_\_\_\_\_ had let the shah come into the United States.

Name:

Date:

# THE IRAN HOSTAGE CRISIS

## Time Line – The Hostages

Use the time line to answer the following questions. Write the answers in complete sentences.

<b>November 4, 1979</b> .....	• Sixty-six Americans are taken captive in the U.S. embassy in Tehran, Iran.
<b>November 19–20, 1979</b> .....	• Thirteen hostages are released.
<b>April 24, 1980</b> .....	• The rescue mission fails.
<b>July 11, 1980</b> .....	• One hostage is released.
<b>January 20, 1981</b> .....	• The remaining 52 hostages are released.

1. How many total hostages were taken captive?

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2. In what year did the rescue mission fail?

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3. What happened on January 20, 1981?

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Name \_\_\_\_\_

Date \_\_\_\_\_  
(Answer ID # 0133982)

Read each sentence. Mark the space for the answer that shows correct punctuation and capitalization for the underlined words.

<p>1. After working at the same job for 35 <u>years</u> Mr. Smith was ready to retire.</p> <p><input type="radio"/> A Years, Mr.  <input type="radio"/> B years, Mr.  <input type="radio"/> C years, Mr  <input type="radio"/> D years, mr.  <input type="radio"/> E Correct as is</p>	<p>2. "I love cherry pie," proclaimed <u>Danielle</u> but apple is still my favorite kind."</p> <p><input type="radio"/> A Danielle", but  <input type="radio"/> B Danielle, "But  <input type="radio"/> C Danielle, "but  <input type="radio"/> D danielle, "but,  <input type="radio"/> E Correct as is</p>
<p>3. "Will it rain <u>tomorrow</u>?" David asked Sean worriedly.</p> <p><input type="radio"/> A tomorrow?  <input type="radio"/> B tomorrow"  <input type="radio"/> C Tomorrow?"  <input type="radio"/> D Correct as is</p>	<p>4. I finished reading the newspaper, Saturday's <u>edition</u>, <u>in</u> about two hours.</p> <p><input type="radio"/> A edition in  <input type="radio"/> B , Edition In  <input type="radio"/> C , edition in  <input type="radio"/> D Correct as is</p>
<p>5. Ashley's grandfather and grandmother live <u>in</u>, <u>Alaska</u>?</p> <p><input type="radio"/> A in Alaska?  <input type="radio"/> B In Alaska.  <input type="radio"/> C in alaska?  <input type="radio"/> D in Alaska.  <input type="radio"/> E Correct as is</p>	<p>6. Jimmy Durante once said, "Be nice to people on your way up because you meet them on your <u>Way</u> <u>down</u>?"</p> <p><input type="radio"/> A way, down?  <input type="radio"/> B Way Down.  <input type="radio"/> C way, down.  <input type="radio"/> D way down.  <input type="radio"/> E Correct as is</p>
<p>7. "Will it rain <u>tomorrow</u>?" David asked Sean worriedly.</p> <p><input type="radio"/> A tomorrow?"  <input type="radio"/> B Tomorrow?"  <input type="radio"/> C Tomorrow  <input type="radio"/> D tomorrow  <input type="radio"/> E Correct as is</p>	<p>8. The <u>quarterback's</u> jersey has been ripped to shreds.</p> <p><input type="radio"/> A quarterbac'ks  <input type="radio"/> B quarterbacks'  <input type="radio"/> C quarterbacks  <input type="radio"/> D Correct as is</p>
<p>9. This <u>chicken's</u> eggs make great omelets.</p> <p><input type="radio"/> A chicke'ns  <input type="radio"/> B chickens'  <input type="radio"/> C chickens  <input type="radio"/> D Correct as is</p>	<p>10. "Are you <u>excited</u>, <u>Jacob</u> asked Nicholas, "about going to camp this summer?"</p> <p><input type="radio"/> A Excited," Jacob  <input type="radio"/> B excited," Jacob  <input type="radio"/> C Excited Jacob  <input type="radio"/> D excited", Jacob  <input type="radio"/> E Correct as is</p>

**AMI WORK  
FRIDAY,  
APRIL 17<sup>TH</sup>**

Name \_\_\_\_\_

**Complete.**

36.	$\begin{array}{r} 70 \\ \times 5 \\ \hline \end{array}$	37.	$\begin{array}{r} 80,000 \\ \times 7 \\ \hline \end{array}$	38.	$\begin{array}{r} 7,000 \\ \times 5 \\ \hline \end{array}$	39.	$\begin{array}{r} 80,000 \\ \times 1 \\ \hline \end{array}$
40.	$\begin{array}{r} 500 \\ \times 7 \\ \hline \end{array}$	41.	$\begin{array}{r} 90 \\ \times 2 \\ \hline \end{array}$	42.	$\begin{array}{r} 900 \\ \times 5 \\ \hline \end{array}$	43.	$\begin{array}{r} 40,000 \\ \times 1 \\ \hline \end{array}$

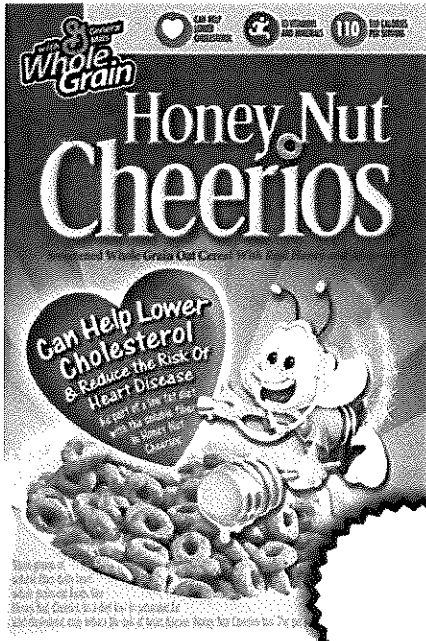
**Fill in the missing digits.**

44.	$\begin{array}{r} \square 1 \\ \times 6 \square \\ \hline \end{array}$ $\begin{array}{r} \square 1 \\ + 66 \square \\ \hline \end{array}$ $6 \square \square$	45.	$\begin{array}{r} \square \square \\ \times 38 \\ \hline \end{array}$ $\begin{array}{r} 79 \square \\ + 2, \square 70 \\ \hline \end{array}$ $3, 762$
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NAME: \_\_\_\_\_ CLASS: \_\_\_\_\_ DATE: \_\_\_\_\_

## Let's Get Fooducated!

### Product:



### Ingredient List:

**Ingredients:** Whole Grain Oats (includes the oat bran), Sugar, Modified Corn Starch, Honey, Brown Sugar Syrup, Salt, Tripotassium Phosphate, Canola and/or Rice Bran Oil, Natural Almond Flavor, Vitamin E (mixed tocopherols) Added to Preserve Freshness.

**Vitamins and Minerals:** Calcium Carbonate, Zinc and Iron (mineral nutrients), Vitamin C (sodium ascorbate), A B Vitamin (niacinamide), Vitamin B<sub>6</sub> (pyridoxine hydrochloride), Vitamin B<sub>2</sub> (riboflavin), Vitamin B<sub>1</sub> (thiamin mononitrate), Vitamin A (palmitate), A B Vitamin (folic acid), Vitamin B<sub>12</sub>, Vitamin D<sub>3</sub>.  
**CONTAINS ALMOND; MAY CONTAIN WHEAT INGREDIENTS.**

### Nutrition Facts:

Nutrition Facts	
Serving Size 0.75 cup (28g) Serving Per Container 12	
Amount Per Serving	
<b>Calories</b> 110	Calories from Fat 15
% Daily Values*	
<b>Total Fat</b> 1.5g	<b>2%</b>
Saturated Fat 0g	<b>0%</b>
Trans Fat 0g	
<b>Cholesterol</b> 0mg	<b>0%</b>
<b>Potassium</b> 115mg	<b>3%</b>
<b>Sodium</b> 160mg	<b>7%</b>
<b>Total Carbohydrate</b> 22g	<b>7%</b>
Dietary Fiber 2g	<b>8%</b>
Sugars 9g	
<b>Protein</b> 2g	<b>4%</b>
Vitamin A 10%	Vitamin C 10%
Calcium 10%	Iron 25%
*Percent Daily Values are based on a 2,000 calorie diet. Your Daily Values may be higher or lower depending on your calorie needs.	
	Calories 2,000 2,500
Total Fat	Less than 65g 80g
Sat Fat	Less than 20g 25g
Cholesterol	Less than 300mg 300mg
Sodium	Less than 2400mg 2400mg
Total Carbohydrate	300g 375g
Dietary Fiber	25g 30g

Nutrition Grade

1. What do you think is used to sweeten this cereal? \_\_\_\_\_

2. Underline all the sweeteners listed in the Ingredient List. How many did you find? \_\_\_\_\_

3. How many grams of sugar per serving? \_\_\_\_\_

4. Approximately how many teaspoons of sugar are in a serving of this cereal? \_\_\_\_\_  
(HINT: there are 4 grams of sugar per teaspoon)

5. Are there any nuts in Honey NUT Cheerios? \_\_\_\_\_

6. What cereal do you like to eat? \_\_\_\_\_

7. Fooducate recommends a cereal with 6 or less grams of sugar per serving. Does this cereal have more sugar or less? \_\_\_\_\_

8. What nutrition grade should this product get? (examples: A, B+, C-) Write the grade in the Nutrition Grade circle above.



Scan this barcode with the Fooducate app to learn more

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

edHelper

## Using Energy Efficiently

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You are going to run a marathon. Twenty-six miles. You will need a lot of energy. If you start too fast, you will use up all your energy. You need to pace yourself. This will help you use your energy more efficiently. You will have enough energy left to finish the race.

Energy efficiency means using our energy resources in a way that is best and most productive. It means using less energy to produce the same results we are used to. We need to make sure we will have enough energy to keep "running the race." How can you help? You can start at home.

We use a lot of energy in our homes. We use electricity or fossil fuels for heating and cooking. We use electricity to run our appliances, computers, and televisions. Using energy more efficiently can be as simple as turning off the lights when you leave a room and turning off the water while you brush your teeth.

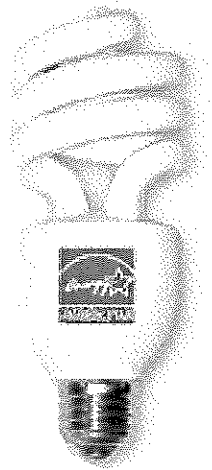
We can also make our homes more energy efficient. Install more insulation to keep the heat in. Installing new windows will also help keep the cold out and the heat in. This will reduce the amount of energy needed to keep your home comfortably warm.

Other ways to make our houses more efficient include putting weather stripping around doors and insulating pipes and water heaters. Old appliances can be recycled and new ones installed. Newer appliances use less electricity than old ones. Fluorescent and LED lights are more energy efficient than incandescent ones. In fact, incandescent bulbs are no longer used. These improvements will help save money on our energy bills. They may even pay for themselves with the money they save in energy costs.

Transportation is necessary in our industrial society. People use cars and buses to get to work. Businesses use trucks and trains to move goods from one place to another. Transportation requires a lot of energy. Automakers are starting to build vehicles that use less fuel. They are also making hybrid vehicles that use a combination of electricity and gas. This reduces the amount of fossil fuels needed to power them. Engines that use fuels made from renewable sources are also being experimented with.

You can do your part by using public transportation whenever possible. Buses and trains carry more people, using less fuel per person than a car carrying one person. Many people are working at home now. They use computers and the Internet to do business. This also reduces the amount of fuel we consume.

Using energy more efficiently will have many benefits. Less of our precious fossil fuels will need to be burned. In addition, this will decrease the amount of carbon dioxide in the air. Pollution will be reduced. The environment will be healthier. Start doing your part today.



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

edHelper

## Using Energy Efficiently

### Questions

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- \_\_\_\_\_ 1. Using less energy to produce the same results is called:
- A. a marathon
  - B. energy efficiency
  - C. insulation
2. Name two simple ways to use energy more efficiently at home.
- \_\_\_\_\_
- \_\_\_\_\_
3. How will installing insulation and weather stripping help make a home more energy efficient?
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_ 4. Newer appliances usually are more efficient than older ones.
- A. true
  - B. false
- \_\_\_\_\_ 5. Using energy more efficiently reduces the amount of fossil fuels burned, which decreases the amount of carbon dioxide in the air.
- A. true
  - B. false
- \_\_\_\_\_ 6. Vehicles that use a combination of electricity and fuel are called:
- A. renewable resources
  - B. hybrids
  - C. public transportation



Name:

Date:

## A MAN WITH A DREAM

The Fourteenth Amendment says that a state cannot “deny to any person ... equal protection of the laws.” It became law in 1868. In the 1950s, however, many people were still not receiving the benefits provided by this amendment.

Segregation laws kept African Americans separate from white Americans. Public transportation, schools, restaurants, and other public places were segregated by law. As long as the separate facilities were equal, segregation was legal. The problem was that the separate facilities were rarely equal. Plus, forcing people of different races to be separate from each other implies that they are unequal.

In the 1950s and 1960s, civil rights activists fought for the rights of minorities. Martin Luther King, Jr., was one of the main leaders of the American civil rights movement. A minister in Montgomery, Alabama, King led nonviolent protests against segregation and racial discrimination.

In December 1955, an African-American woman named Rosa Parks was riding a city bus in Montgomery, Alabama. Parks was told to give up her bus seat to a white person. She refused and was arrested. This act led to a boycott of city buses. A boycott is when people refuse to buy or use goods and services as a protest. King was made president of the Montgomery Improvement Association, which was in charge of the boycott.

People protested segregation of Montgomery’s city buses for over a year by refusing to ride the buses. The issue was decided by a federal court, which said it was unconstitutional to segregate buses. Because of the boycott’s success, King became well known in the civil rights movement.

In 1963, King and other civil rights leaders led the March on Washington, a protest in our nation’s capital. Over 200,000 Americans marched to peacefully support a civil rights bill that President Kennedy wanted Congress to pass. On August 28, 1963, King gave his now-famous “I Have a Dream” speech. King said, “I have a dream that my four little children will one day live in a nation where they will not be judged by the color of their skin but by the content of their character.” The next year, Congress passed the Civil Rights Act of 1964. It made segregation of public places and jobs illegal.

King was shot and killed on April 4, 1968, in Memphis, Tennessee. He was there to support a garbage workers’ strike. Although his life was cut short, King’s leadership made a lasting impression on Americans. Today, he is remembered as an important part of the American civil rights movement.



Name:

Date:

# A MAN WITH A DREAM

## Multiple Choice

Circle the best answer, and write the letter in the box.

1. \_\_\_\_\_ and other public places were segregated by law.
- A. Restaurants
  - B. Public transportation
  - C. Schools
  - D. all of the above
2. Martin Luther King, Jr., led the bus boycott in \_\_\_\_\_.
- A. Memphis, Tennessee
  - B. Montgomery, Alabama
  - C. Washington, D.C.
  - D. Atlanta, Georgia
3. King led \_\_\_\_\_ protests against segregation and racial discrimination.
- A. violent
  - B. militant
  - C. destructive
  - D. nonviolent
4. Over \_\_\_\_\_ Americans peacefully marched in the March on Washington, where King made his famous "I Have a Dream" speech.
- A. 200
  - B. 2,000
  - C. 200,000
  - D. 2,000,000
5. King is remembered as an important part of \_\_\_\_\_.
- A. the American civil rights movement
  - B. the Cuban missile crisis
  - C. the Vietnam War
  - D. the women's rights movement

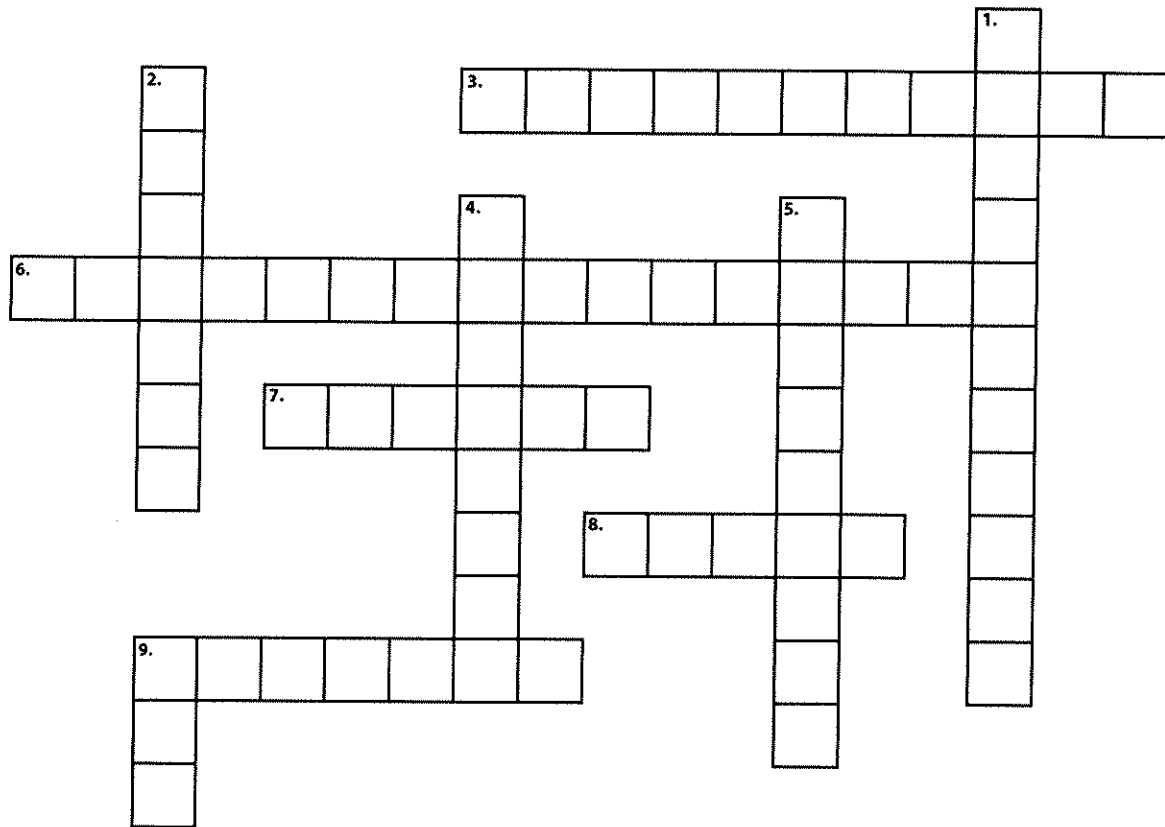
Name:

Date:

# A MAN WITH A DREAM

## Crossword Puzzle

Write the best answer in each blank, and complete the crossword puzzle.



**ACROSS**

3. As long as separate facilities were equal, \_\_\_\_\_ was legal.
6. A federal court said it was \_\_\_\_\_ to segregate buses.
7. King was killed in Tennessee where he was supporting a garbage workers' \_\_\_\_\_.
8. On August 28, 1963, King gave his now-famous "I Have a \_\_\_\_\_" speech.
9. King was one of the main \_\_\_\_\_ of the American civil rights movement.

**DOWN**

1. Congress passed the \_\_\_\_\_ Act of 1964, which made segregation of public places and jobs illegal.
2. A \_\_\_\_\_ is when people refuse to buy or use goods and services as a protest.
4. Martin Luther King, Jr., was a \_\_\_\_\_ in Montgomery, Alabama.
5. \_\_\_\_\_ was arrested after refusing to give up her bus seat.
9. In the 1950s, many people still did not receive equal protection of the \_\_\_\_\_.

Name:

Date:

# A MAN WITH A DREAM

## Time Line – Martin Luther King, Jr.

Use the time line to answer the following questions. Write the answers in complete sentences.

<b>January 15, 1929</b> .....	• Martin Luther King, Jr., is born in Atlanta, Georgia.
<b>1954</b> .....	• King moves to Montgomery, Alabama, to preach at Dexter Avenue Baptist Church.
<b>1955</b> .....	• The Montgomery bus boycott begins.
<b>1962</b> .....	• King meets with President John F. Kennedy to talk about civil rights.
<b>1963</b> .....	• King leads protests in Birmingham, Alabama, for desegregated department stores and fair hiring. • King is arrested and writes his now-famous "Letter From Birmingham Jail." • King delivers his famous "I Have a Dream" speech at the March on Washington in Washington, D.C.
<b>April 4, 1968</b> .....	• King is assassinated in Memphis, Tennessee.

1. What happened in 1955?

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2. Where and why was King arrested?

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---

3. What famous speech did King deliver in Washington, D.C.?

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Name \_\_\_\_\_



Date \_\_\_\_\_  
(Answer ID # 0832730)

## Language Arts

**Rewrite each sentence. Add the correct punctuation to show joint ownership.**

- 1. Abigail and Jasmines brother is here.  
\_\_\_\_\_
- 2. I thought I saw Becky and Daves son at the mall, but it was just someone who looked a lot like him.  
\_\_\_\_\_

**Rewrite each sentence using the correct punctuation.**

- 3. We looked at the long expensive pretty menu to decide what we wanted to eat.  
\_\_\_\_\_
- 4. Her sparkling fluoresent orange fingernails were perfect for a witch.  
\_\_\_\_\_
- 5. We stayed close together in the dark damp mysterious rainforest.  
\_\_\_\_\_

**Rewrite each sentence correctly.**

- 6. almost 300 houses were destroyed by the fire on july 5, 2001.  
\_\_\_\_\_
- 7. on january 1, 1942, the rose bowl game was played in north carolina.  
\_\_\_\_\_