

6<sup>TH</sup> GRADE FLEX DAY 4 NAME: \_\_\_\_\_

COMPLETE THE PATTERN

① 2, 4, 6, 8, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

② 2, 4, 8, 16, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

③ 2, 3, 5, 8, 12, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

④ 10, 17, 24, 31, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

⑤ 45, 40, 35, 30, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

⑥ 1, 4, 9, 16, 25, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

⑦ 20, 40, 30, 60, 70, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

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

# ANCIENT GREECE: VOCABULARY QUIZ

**Directions:** Match each word with the correct definition. (15 points)

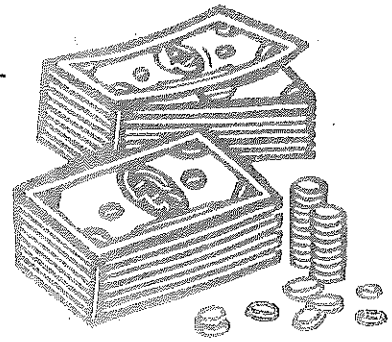
1. \_\_\_ **Archimedes**
2. \_\_\_ **Polis**
3. \_\_\_ **Aristocracies**
4. \_\_\_ **Terracing**
5. \_\_\_ **Hippocratic Oath**
6. \_\_\_ **Pythagoras**
7. \_\_\_ **Myths**
8. \_\_\_ **Olympics**
9. \_\_\_ **Popular Government**
10. \_\_\_ **Odyssey**
11. \_\_\_ **Tyrant**
12. \_\_\_ **Hellenistic Culture**
13. \_\_\_ **Oracle**
14. \_\_\_ **Iliad**
15. \_\_\_ **Democracy**

- A.** an oath taken by a doctor that requires him/her to follow a code of medical ethics; created Hippocrates
- B.** Greek festival including athletic competitions, music & literature
- C.** Greek word for city-state
- D.** Famous Greek scientist who calculated the value of pi and explained how levers worked
- E.** Philosopher who believed everything could be explained by math; developed the Pythagorean theorem
- F.** Rulers who took power by force, but who ruled with the people's support
- G.** "Greek like" way of life that combined ideas and values drawn from the Mediterranean and Asia
- H.** Carving small, flat plots of land from hillsides to use for farming
- I.** Story about the Trojan War; written by Homer
- J.** Traditional stories about gods, goddesses & heroes
- K.** Special places where the ancient Greeks believed gods spoke through priests
- L.** Government in which citizens take part
- M.** Idea that the people can and should rule themselves
- N.** Story about Odysseus' journey home after the Trojan War; written by Homer
- O.** Government ruled by upper class; controlled by nobles



# Idioms

We thought we were <sup>rich</sup> ~~in the money~~ until we <sup>were told</sup> ~~got wind~~ of the taxes we would have to pay.



1-10. Replace each underlined idiom with its meaning. Cross out the idiom and place a phrase from the box above it.

- |                 |                          |
|-----------------|--------------------------|
| to do all right | filled with anticipation |
| got an A        | upset with me            |
| said no to      | in the future            |
| to do well      | getting worse            |
| kept quiet      | always noted             |

## Revising

I was on pins and needles when the time came to hand in my book report. I had a lot riding on this paper, and if I didn't get a decent grade, my parents would be on my back for the rest of the semester. All term long I was able to get along by studying my grammar text two hours a week. I kept a close eye on my quiz scores and never turned down help from the tutor my English teacher, Mrs. Spata, was able to get for me. Despite all that, my work was going downhill. I held my tongue when my father challenged me to do better on this book report. I had to pass this one or it would be summer school down the line. Lucky thing I aced it.

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# Writing Opinion Paragraphs

Opinion	Growing your own vegetables is good for your health.
Reason	You can pick your own food and eat it when it is fresh.
Fact	Freshly picked vegetables provide the maximum amount of vitamins.
Example	Store-bought vegetables sit on the shelf so long that they often lose color, which means they also lose nutritional value.

Choose an opinion statement from the list. Write it below. Write a reason, a fact, and an example to support the opinion you choose.

### Opinion

- All children should have the opportunity to play a musical instrument.
- Movies are a good way to learn about history.
- It is very important to know how to swim.
- Summer is the best season.
- Fish make great pets.



### Opinion

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### Reason

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### Fact

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### Example

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# Cause and Effect

Understanding cause-and-effect relationships is important to complete comprehension when reading. Look at the examples of cause-and-effect relationships below, then work with a partner to match the causes and effects from *Holes*.

## Examples of Cause and Effect

### Cause

The student studied very hard.

The student did not study.

### Effect

The student earned an A on the test.

The student failed the test.

### Causes

- \_\_\_\_\_ 1. Magnet steals Mr. Sir's sunflower seeds.
- \_\_\_\_\_ 2. The Warden scratches Mr. Sir.
- \_\_\_\_\_ 3. Stanley agrees to teach Zero to read.
- \_\_\_\_\_ 4. Stanley's great-great grandfather forgot to honor a promise.
- \_\_\_\_\_ 5. Stanley was caught with stolen shoes.
- \_\_\_\_\_ 6. Stanley gives X-Ray the gold tube he finds.
- \_\_\_\_\_ 7. Stanley is overweight.
- \_\_\_\_\_ 8. Stanley does not want his mother to worry.
- \_\_\_\_\_ 9. Zero digs part of Stanley's hole each day.
- \_\_\_\_\_ 10. Stanley digs a hole every day.

### Effects

- A. Mr. Sir does not give Stanley any water.
- B. Stanley is sent to Camp Green Lake.
- C. Stanley does not have many friends.
- D. Stanley writes home about swimming and water skiing.
- E. Stanley's family is cursed with bad luck.
- F. The other boys in Group D harass Stanley.
- G. Stanley is taken to see the Warden.
- H. Stanley moves up a place in the water line.
- I. Stanley and Zero become friends.
- J. Stanley becomes stronger.

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

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

Period: \_\_\_\_

# SATURN

## STEP 1

Read the article below.

Saturn is the sixth planet from the Sun and the second largest in the Solar System. Only Jupiter, the most massive planet, is larger. The planet gets its name from the Roman god of agriculture. It is also referred to as the "Ringed Planet" as its intricate ring system is much more prominent than any other planet's.

Saturn's rings were discovered by Galileo when he pointed his telescope toward the planet. To Galileo, it appeared that Saturn had ears. As observation tools improved, an vast system of moons was discovered. Currently, scientists have observed at least 63 different moons. The largest, Titan, has a thick atmosphere and lakes of liquid methane. However, visiting Titan would not be a pleasant experience. On average, it is a chilly -179°C (-290°F)!

Saturn is about 9.5 times farther from the Sun than Earth. This means that, on average, the Saturn receives only about 1% of the Sun's energy compared to Earth. The Sun appears much smaller in the Saturnian sky compared to our view from Earth. Saturn also has massive hurricane-like storms that rage across the planet. Most interestingly, an almost-perfect hexagonal storm rages across its North Pole.

Even though Saturn is less dense than Earth, it is about 95 times more massive. Saturn is also unique because it is the only planet that is less dense than water. This is because Saturn is made of mostly Hydrogen and Helium. Interestingly, if you could fill a large enough pool with water, Saturn would float on top!

**NOW: Complete the statements to the right.**

## STEP III

Find and circle your answers on the grid below.

Note: Words can read in any direction.

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E N T T H E P S R I N G R S O
F R O E S A O N T U R H E N A
R E U I L S O O P E C E L T A
E C U T T E L O L A H X L R P
M S T B L A S M X Y O A A V B
J B N I Y U V C D F V G M H S
W F L E Y F C R O U L O S M Z
G A Y L D G O I E P N N S I A
G J M K Z G R M R S E A P B E
D N O C E S Q E D G B L T S S
P Q G N I I E Y N M A O J I R
T N E N I M O R P E S V Z H T
    
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## STEP IV

Now read left to right, row by row, the first 30 letters you have not circled for a hidden message about Saturn.

Write it here:

\_\_\_\_\_

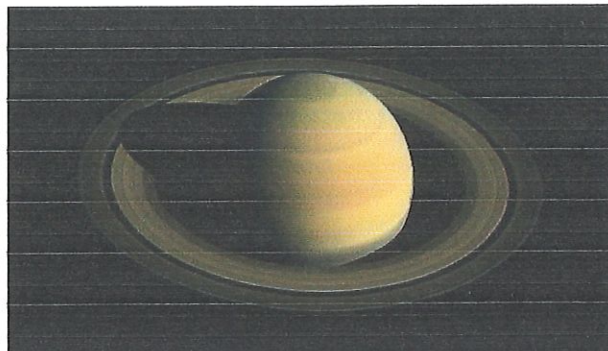


Photo Courtesy of NASA

## STEP II

Write in the missing word to complete the statements below.

- Saturn's rings were discovered by \_\_\_\_\_.
- Even though Saturn is less \_\_\_\_\_ than Earth, it is about 95 times more massive.
- An almost-perfect \_\_\_\_\_ storm rages across Saturn's North Pole.
- If you could fill a large enough \_\_\_\_\_ with water, Saturn would float on top.
- Saturn's largest moon, \_\_\_\_\_, has a thick atmosphere and liquid methane lakes.
- In order to see Saturn's rings, you need to use a \_\_\_\_\_.
- Scientists have observed over 63 \_\_\_\_\_ orbiting Saturn.
- Saturn's atmosphere is mostly \_\_\_\_\_ and Helium.
- Saturn is named for the Roman god of \_\_\_\_\_.
- On average, Saturn receives only about 1% of the Sun's \_\_\_\_\_ compared to Earth.
- The Saturnian sky would look much different because the Sun would appear much \_\_\_\_\_.
- The \_\_\_\_\_ largest planet, Saturn is only smaller than Jupiter
- While not the only planet with rings, Saturn's are the most \_\_\_\_\_.
- Saturn's moons were discovered when \_\_\_\_\_ tools improved.