Tucson International Academy

Academia Internacional de Tucson

图森国际学校

Homework Packet for Sixth Grade

Week 19

Name_____

Week starts on _____ Due on _____

Each week you are to complete your homework packet and turn it on the day the teacher assigns. Part of the homework is reading 40 minutes a day. This can be done in after school care and they can read to a younger sibling or an adult as well. Weekend reading is encouraged, each week students can get credit for reading on Saturday and/or Sunday. Reading each day is very important to help each student get better at this skill.

☺ *Reading is Fun!!* ☺

Weekly Home Reading Record

Day	Reading Material	Amount of Time	How many pages
Weekend			
Monday			
Tuesday			
Wednesday			
Thursday			

Total Time Reading: Hours_____ Minutes _____

Student Signature_____ Date_____

Parent Signature _____ Date _____

2700 West Broadway Boulevard Tucson, Arizona 85745 (520) 792-3255
www.TucsonInternationalAcademy.com

Cursive practice with sentences.

In your best cursive handwriting, write each of your spelling sentences once.

1. _____

_____

2. _____

_____

3. _____

_____

4. _____

_____

5. _____

_____

6. _____

_____

7. _____

_____

8. _____

_____

9. _____

_____

10. _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

6th Grade Writing Homework

Write three synonyms and one antonym for each spelling word.

Spelling Words	Synonym	Synonym	Synonym
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			

Antonyms

1.	6.	11.	16.
2.	7.	12.	17.
3.	8.	13.	18.
4.	9.	14.	19.
5.	10.	15.	20.

The Real Vikings
Spelling: Suffixes: *-ent, -ant*

Name _____ Date _____

Spelling Word Sort

Write each Basic Word beside the correct heading.

-ent	
-ant	
-ence, -ency	
-ance, -ancy	

Challenge **Add the Challenge Words to your Word Sort.**

Spelling Words

1. confident
2. confidence
3. fragrant
4. fragrance
5. excellent
6. excellence
7. decent
8. decency
9. truant
10. truancy
11. brilliant
12. brilliance
13. resident
14. residence
15. evident
16. evidence
17. occupant
18. occupancy
19. reluctant
20. reluctance

Challenge
inconvenient
inconvenience
buoyant
buoyancy

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Write 10 complete sentences each containing at least one spelling word. You must **underline or highlight** the spelling word used in each sentence. Challenge: use all 20 spelling words in your sentences, remembering to **underline or highlight** each spelling word. You may attach another piece of paper if you need additional space.

1._____

2._____

3._____

4._____

5._____

6._____

7._____

8._____

9._____

10._____

Lost & Found

by Charles Piddock

Percy Harrison Fawcett

A vanished culture is unearthed in the Amazon rain forest.

A *real-life Indiana Jones.* That's how people remember British explorer Percy Harrison Fawcett (1867-1925). Like Indy, Fawcett plunged deep into tropical forests where he battled hungry predators and dodged poisoned arrows shot by angry natives. Like Indy, too, Fawcett sought to turn the world of science on its head with an amazing discovery from a lost world.

In 1925, already famous, Fawcett set out into the vast and largely unexplored Amazon rain forest. Accompanying him were his 21-year-old son, Jack, and Jack's best friend, Raleigh Rimell. Fawcett's goal was to find what most scientists at the time said did not exist: the half-buried ruins of a once-mighty ancient city. Since 1542, when European explorers first entered the Amazon region of South

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America, stories had emerged of a rich city ruled by a king called El Dorado (the gold-covered one) somewhere in the forest. For centuries, dozens of explorers searched for the city, but no trace was ever found.

No trace, that is, until Fawcett's expedition. He sent messages home that he had found evidence of a city that once existed in the forest along the Xingu River. The Xingu is one of the Amazon River's many *tributaries* (streams and rivers that flow into a larger body of water). Fawcett called the lost city the City of Z for reasons known to him alone. His search for the city is documented in the best-selling book *The Lost City of Z* by David Grann.

Thin Soil

Scientists back home believed that the British explorer was simply chasing after a myth. In 1925, the societies in the Amazon were small and isolated, eking out a primitive existence in tough conditions. *Anthropologists* (scientists who study the development of human cultures) saw the local people as a perfect example of *environmental determinism*. Environmental determinism is the belief that physical environment determines culture. Complex societies capable of building cities and supporting a large population, the theory goes, need certain environmental conditions to develop. They need good soil to produce crops; protection from predators and disease-carrying insects; and leisure time to develop writing and other hallmarks of civilization. The Amazon rain forest provides none of those things. Despite the forest's thick vegetation, the soil is poor in the nutrients that crops need. Clouds of disease-carrying insects make living there an ordeal, and large predators lurk in the forest's darkness.

Fawcett's quest was widely publicized in newspapers and magazines. Readers eagerly followed his progress. Then, suddenly, Fawcett stopped sending messages. All contact with his expedition was lost.

Weeks turned into months and months into years. Expedition after expedition went into the rain forest to locate Fawcett-without success. Fawcett's vanished expedition has been called the greatest exploration mystery of the 20th century.

Buried Settlement

Until now, historians believed that Fawcett lost his life pursuing a myth. But new evidence shows that the ill-fated explorer may have been onto something after all.

A team of scientists led by University of Florida *archaeologist* Michael Heckenberger has been studying a region of the upper Xingu River for 13 years. An archaeologist studies ancient cultures by examining their material remains. Recently, the team revealed that it had made a big discovery-what Heckenberger believes may be the lost City of Z. Using satellite imagery and ground-penetrating radar, as well as information provided by people in the region, Heckenberger has found the remains of roads, bridges, and *plazas* (public open spaces) that had been used between A.D. 800 and 1600.

"The roads were as wide and straight as modern four-lane highways," Heckenberger told *Current Science*. "And they seemed to connect settlements that once covered an area of 150 to 200 square

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miles. The settlements, which I would call garden cities, were set in clusters, or groups of cities, each surrounded by a wall and a deep ditch. The ditches were up to 15 feet deep and more than 30 feet wide. The entire area was carefully engineered and managed. It is clear that these people liked to have beautiful roads and plazas and bridges."

Heckenberger says specialized farming and hunting allowed the people who built the towns and villages to support a population probably 10 times larger than what exists in the region today. His team has found 19 such settlements, at least four of which were major residential centers.

A Vanished People

What happened to the people who built the garden cities? They were probably wiped out by the infectious diseases unintentionally brought to the region when the Europeans arrived, says Heckenberger.

Heckenberger says he thinks continued research will bring even more startling discoveries about the Amazon's early civilizations. "There are many remarkable discoveries yet waiting in the Amazon," he told *Current Science*. "We can expect to find things that are uniquely Amazonian. And some of these are bound to be more complex and advanced than expected."

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Name: _____ **Date:** _____

1. Along which tributary of the Amazon was the lost City of Z located?

A. the Z River

B. the Xingu River

C. El Dorado Stream

D. the Little Amazon

2. The author describes a theory known as "environmental determinism". Which of the following *best* describes this theory?

A. Ancient civilizations believed that the environment was determined by the Gods.

B. The impact of humans on the environment can determine the climate.

C. The environment determines the type of housing structures people must create to protect themselves from natural elements.

D. The success of a civilization depends on specific environmental features such as quality soil and the ability to produce enough food.

3. What is the best explanation for Fawcett's sudden disappearance?

A. He was abducted by people that lived in the rain forest, and went on to live with them for the remainder of his life.

B. He decided to join the people of the lost City of Z who had moved underground to continue building their civilization without the threat of predators and scientists.

C. He died from the harsh natural elements of the Amazon rain forest, such as vicious predators or disease-ridden insects.

D. He found King El Dorado's hidden gold, changed his identity, and moved to another country to live in wealth and seclusion.

4. Read the following sentence: "Expedition after expedition went into the rain forest to locate Fawcett-without success."

In this sentence the word **expedition** means

A. a vacation trip to a far away land

B. a journey around the world

C. efficient promptness or speed

D. an organized journey for a specific purpose

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5. The primary purpose of this passage is to

A. help people plan a vacation trip to the Amazon

B. describe an exciting archeological discovery

C. warn people of the life-threatening elements of the Amazon rain forest

D. promote the film, *Indiana Jones and the Raiders of the Lost Ark*

6. According to the author, what most likely caused the extinction of the people of the Lost City of Z?

_____

_____

_____

7. How would the author likely describe Fawcett? Use evidence from the text to support your response.

_____

_____

_____

8. The question below is an incomplete sentence. Choose the word that best completes the sentence.

_____ the Amazon was full of dangerous predators and insects Fawcett boldly set off to explore the region.

A. After

B. Although

C. Because

D. Before

9. Which picture best demonstrates the word plunge?

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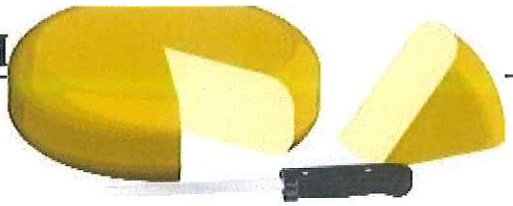

10. Would it be a good idea to plunge off a 40-foot waterfall into a giant river rapid?

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News Shorts: Tomb Raiders

a part of the Valley of the Kings in Egypt

American archaeologists recently did something that would make their mummies proud: They discovered a hidden Egyptian tomb!

Otto J. Schaden and his team found the burial chamber underground in Egypt's Valley of the Kings. It holds five mummies in *sarcophagi* (sar-KAH-fuh-gigh), or coffins. The tomb also contains 20 jars in which Egyptians stored food and drink for the afterlife.

This marks the first time an intact tomb has been discovered in the valley in 84 years. The last tomb found there was that of Tutankhamen, the boy king. Tut's tomb is just feet from the newly found chamber.

"It was just so amazing to find an intact tomb here after all the work that's been done before," Edwin Brock, one of the project leaders, told reporters.

Archaeologists suspect that the tomb is about 3,000 years old. The scientists will study the sarcophagi to determine the mummies' identities and social status.

One of the sarcophagi has the features of a woman with black hair, dark-lined eyes, and a gold necklace.

Schaden says the mummies may be members of a pharaoh's court, but some people have speculated that the tomb may hold the mummy of Nefertiti-one of Egypt's most beautiful and powerful queens. Even if the tomb doesn't hold Nefertiti's remains, it's still the find of a lifetime, archaeologists say. "This cache... proves that the Valley of the Kings is not exhausted," Mansour Bouriak, an Egyptian official, told reporters.

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Name: _____ **Date:** _____

1. The newly found tomb contains all of the following EXCEPT

A. a gold necklace

B. the mummy of King Tut

C. 20 jars in which food was stored

D. five mummies in sarcophagi

2. How do archaeologists describe the tomb?

A. as a tomb that has been raided

B. as the find of a lifetime

C. as an ordinary burial chamber

D. as a place where people live

3. In the first paragraph ("American archaeologists recently did something that would make their mummies proud..."), why did the author choose the phrase "make their mummies proud"?

A. The author knows what an important role mothers play.

B. The author was being funny by using a play on words.

C. The author thought that the mummies were happy to be found.

D. The author wanted to show how serious the discovery is.

4. Read this sentence from the passage:

"Schaden says the mummies may be members of a pharaoh's court, but some people have speculated that the tomb may hold the mummy of Nefertiti-one of Egypt's most beautiful and powerful queens."

In this sentence, the word **speculated** means

A. thought

B. forgotten

C. discovered

D. broadcast

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5. Which statement best describes the main idea of this passage?

A. Scientists recently found a hidden Egyptian tomb.

B. Being an archaeologist is challenging but rewarding.

C. Egypt's Valley of the Kings is a place rich with history.

D. Queen Nefertiti was a beautiful and powerful ruler.

6. What are sarcophagi?

_____

_____

_____

7. How do you think the author feels about the discovery? How do you know? Cite an example from the text.

_____

_____

_____

8. The question below is an incomplete sentence. Choose the word that best completes the sentence.

_____ many archaeologists had been to the site before, this was the first time the hidden tomb was discovered.

A. Although

B. During

C. Because

D. When

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9. Vocabulary Word: intact: not damaged.

Use the vocabulary word in a sentence:

_____

_____

_____

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Name: _____ **Date:** _____

1. The main idea of this passage is:

A. Egyptians store food and drink in coffins.

B. Sarcophagi were coffins that hold Egyptian mummies.

C. Archaeologists recently found a hidden Egyptian tomb.

D. The remains of Nefertiti were found.

2. The main idea of the last paragraph is

A. social status can be determined by the way someone was buried.

B. scientists are hypothesizing who might be in the tomb.

C. Nefertiti was the most beautiful of Egyptian women.

D. even though they do not know who is in the tomb, it is still an important discovery.

3. Egyptians stored food and drink in their tombs, because

A. they wanted to feed workers that were building the tomb.

B. tombs were cold and acted as refrigeration for ancient Egyptians.

C. they wanted to feed their dead as they enter the afterlife.

D. they wanted to preserve the food for later use.

4. The author included the quote from Edwin Brock

A. to add additional facts about the findings.

B. to show the archaeologists' perspective.

C. to encourage the reader to study archeology.

D. all of the above.

5. List one detail that supports the main idea. Explain how it supports the main idea.

_____

_____

_____

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Five Minute Multiplying Frenzy (G)

Name: _____ Date: _____

Multiply each row number by each column number.
(Range 2 to 12)

×	6	10	3	5	12	2	8	4	9	11
3										
4										
6										
2										
12										
5										
8										
10										
9										
11										

Time: _____ Score: _____ /100

Division Drills (Mixed)

Name:

Fill in the blanks for each problem.

24 ÷ 8 = _____	70 ÷ 7 = _____	36 ÷ 9 = _____	9 ÷ 1 = _____
63 ÷ 7 = _____	54 ÷ 9 = _____	6 ÷ 2 = _____	2 ÷ 1 = _____
42 ÷ 7 = _____	28 ÷ 4 = _____	8 ÷ 4 = _____	63 ÷ 9 = _____
8 ÷ 2 = _____	24 ÷ 3 = _____	50 ÷ 5 = _____	90 ÷ 9 = _____
32 ÷ 4 = _____	40 ÷ 8 = _____	35 ÷ 7 = _____	24 ÷ 4 = _____
12 ÷ 4 = _____	16 ÷ 4 = _____	7 ÷ 1 = _____	15 ÷ 3 = _____
36 ÷ 4 = _____	8 ÷ 1 = _____	10 ÷ 5 = _____	48 ÷ 6 = _____
54 ÷ 6 = _____	20 ÷ 10 = _____	40 ÷ 10 = _____	12 ÷ 2 = _____
1 ÷ 1 = _____	36 ÷ 6 = _____	2 ÷ 2 = _____	18 ÷ 9 = _____
4 ÷ 2 = _____	6 ÷ 3 = _____	30 ÷ 3 = _____	8 ÷ 8 = _____
90 ÷ 10 = _____	3 ÷ 3 = _____	40 ÷ 4 = _____	5 ÷ 1 = _____
49 ÷ 7 = _____	18 ÷ 2 = _____	20 ÷ 2 = _____	10 ÷ 1 = _____
48 ÷ 8 = _____	42 ÷ 6 = _____	28 ÷ 7 = _____	21 ÷ 7 = _____
3 ÷ 1 = _____	45 ÷ 5 = _____	70 ÷ 10 = _____	50 ÷ 10 = _____
6 ÷ 6 = _____	10 ÷ 10 = _____	80 ÷ 8 = _____	45 ÷ 9 = _____
35 ÷ 5 = _____	24 ÷ 6 = _____	15 ÷ 5 = _____	18 ÷ 6 = _____
72 ÷ 8 = _____	30 ÷ 6 = _____	14 ÷ 2 = _____	16 ÷ 2 = _____
20 ÷ 4 = _____	21 ÷ 3 = _____	18 ÷ 3 = _____	56 ÷ 7 = _____
80 ÷ 10 = _____	40 ÷ 5 = _____	100 ÷ 10 = _____	14 ÷ 7 = _____
7 ÷ 7 = _____	27 ÷ 3 = _____	20 ÷ 5 = _____	30 ÷ 10 = _____
60 ÷ 6 = _____	64 ÷ 8 = _____	6 ÷ 1 = _____	25 ÷ 5 = _____
10 ÷ 2 = _____	9 ÷ 9 = _____	4 ÷ 4 = _____	81 ÷ 9 = _____
12 ÷ 6 = _____	27 ÷ 9 = _____	12 ÷ 3 = _____	60 ÷ 10 = _____
30 ÷ 5 = _____	16 ÷ 8 = _____	56 ÷ 8 = _____	9 ÷ 3 = _____
32 ÷ 8 = _____	5 ÷ 5 = _____	72 ÷ 9 = _____	4 ÷ 1 = _____

Equivalent Ratios (A)

Fill in the blanks to make equivalent ratios.

1. $10 : 9 = ___ : 27$
2. $6 : 5 = 30 : ___$
3. $4 : 7 = ___ : 14$
4. $1 : 3 = ___ : 12$
5. $7 : 2 = ___ : 4$
6. $1 : 2 = ___ : 8$
7. $1 : 9 = 3 : ___$
8. $5 : 2 = 25 : ___$
9. $1 : 4 = 4 : ___$
10. $3 : 7 = 15 : ___$
11. $11 : 7 = 22 : ___$
12. $10 : 3 = ___ : 6$
13. $9 : 2 = ___ : 4$
14. $7 : 1 = 21 : ___$
15. $8 : 3 = 32 : ___$
16. $5 : 11 = 20 : ___$
17. $12 : 1 = ___ : 4$
18. $1 : 6 = ___ : 30$
19. $9 : 4 = 36 : ___$
20. $3 : 5 = ___ : 20$

Edulastic

6th Mod. 4 6.ee.1; 6.ee.2

Collection: **Private**

Created by Tracy Laos

Q1: Explain the difference between $12a$ and a^{12}. Support your reasoning by writing each expression in expanded form.

Q2: Complete the table.

Exponential Form	Expanded Form	Standard Form
	$3 \times 3 \times 3 \times 3$	
	$2 \times 2 \times 2 \times 2 \times 2$	
$(1.75)^2$		
$\left(\frac{1}{4}\right)^3$		

Q3: Evaluate the expression $2(4 + 6^2) - 20 \div 4$ and type your answer in the box. Use paper to show your work.

Q4: Elsa evaluated the following expression, and her teacher marked the work incorrect.

$$4(3^2+2)^2 - 12 \times 6 \div 8$$
$$4(3^2+2)^2 - 12 \times 6 \div 8$$
$$4(9+4) - 12 \times 6 \div 8$$
$$4(13) - 12 \times 6 \div 8$$
$$52 - 12 \times 6 \div 8$$
$$40 \times 6 \div 8$$
$$240 \div 8$$
$$30$$

a. Identify the mistake(s) Elsa made.

b. Evaluate the expression to determine or confirm the correct answer. Show your work.

$$4(3^2+2)^2 - 12 \times 6 \div 8$$