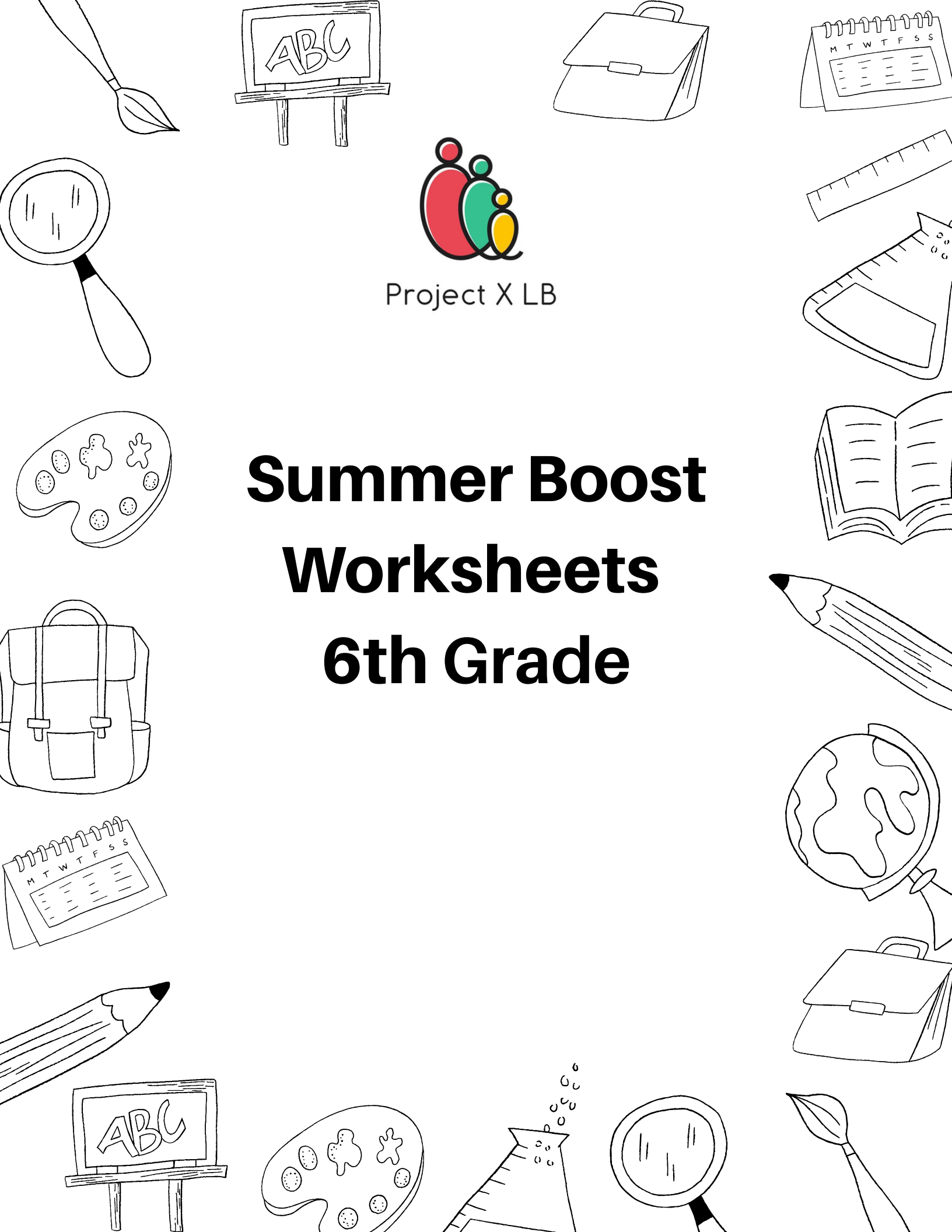




Project X LB

Summer Boost Worksheets 6th Grade



Name: _____

MATH REVIEW

Starting at 2 add 4 and complete the table:

Add 4	
6	

5.OA

If 12 inches equals to 1 foot than how many inches are in 3 feet?

Answer: _____

If 3 feet is equal to 1 yard than how many inches are in 2 yards?

12 in = _____ foot

_____ in = 3 feet

1 yd = 3 feet

Answer: _____

5.MD

Round the decimal numbers below:

55.69 tens place _____

17.95 ones place _____

88.721 tenths place _____

100.38480 hundredths place _____

4.17359 thousandths place _____

55..NBT

Add/Subtract the fractions below: (note: denominators must be the same before solving)

$$\frac{2}{8} + \frac{3}{4} = \boxed{}$$

Subtract the fraction below:

$$\frac{4}{9} - \frac{1}{3} = \boxed{}$$

55 N.NF

Use the distributive property to express the sum of these numbers and solve:

$$56 + 12 =$$

$$\underline{\hspace{1cm}} (\underline{\hspace{1cm}} + \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$$

6.NS

Name: _____

MATH REVIEW

Write an equation for the following: Add 16 and 4 then multiply by 2. Solve.

(_____ _____) _____ = _____

Write an equation for the following: Add 25 and 75 then divide by 2. Solve.

(_____ _____) _____ = _____

5.OA

Subtract the mixed numbers below and reduce to lowest term: (note: denominators must be the same before subtracting)

$$\begin{array}{r} - \quad 5\frac{3}{5} \\ \quad 2\frac{2}{10} \\ \hline \end{array}$$



5.NF

If 1 meter is equal to 100 centimeters than how many meters are equal to 10 centimeters?

Answer: _____

If 10 decimeter is equal to 1 meter than how many centimeters are equal to 1 decimeter?

$$1 \text{ m} = 10 \text{ dm}$$

$$100 \text{ cm} = 1 \text{ m}$$

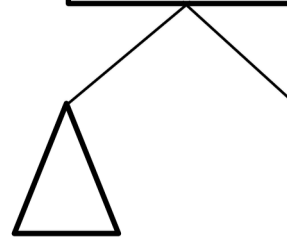
$$1 \text{ dm} = \text{_____} \text{ cm}$$

Answer: _____

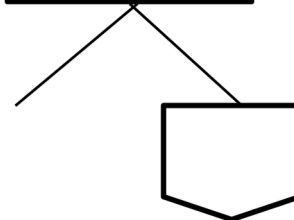
5.NBT

Draw shapes that belong in each group.

TRIANGLE



Polygon



5.G

If it took you 12 hours to read 4 books than at what rate are you reading?

_____ book for every _____ hours

6.RP

Name: _____

MATH REVIEW

Use $<$, $>$, or $=$ for the following without evaluating:

$$3(3,791 + 2,052) \bigcirc 2(1,866 + 1,999)$$

$$2(1,001 - 111) \bigcirc 5(2,225 - 286)$$

$$6(9,531 + 200) \bigcirc 3(3,009 + 987)$$

$$4(3,164 - 1,065) \bigcirc 2(1,500 - 955)$$

55.OA

Write these numbers in expanded form:

$$5.8 \\ \underline{\hspace{1cm}} + \underline{\hspace{1cm}}(1/10)$$

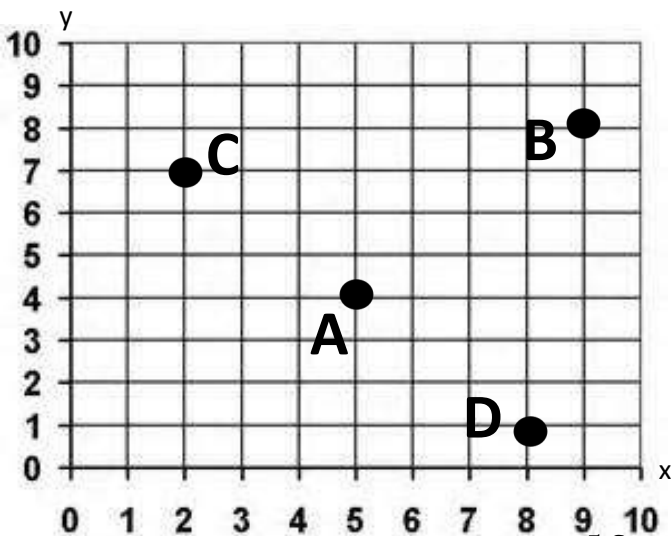
$$2.43 \\ \underline{\hspace{1cm}} + \underline{\hspace{1cm}}(\hspace{1cm}) + \underline{\hspace{1cm}}(\hspace{1cm})$$

$$7.526 \\ \underline{\hspace{1cm}} + \underline{\hspace{1cm}}(\hspace{1cm}) + \underline{\hspace{1cm}}(\hspace{1cm}) + \underline{\hspace{1cm}}(\hspace{1cm})$$

5.NBT

Find these coordinates on the graph and label them correctly.

(2,7)____ (8,1)____ (5,4)____ (9,8)____



Multiply/Divide the fraction below and reduce to lowest term: (note: denominators must be the same before multiplying)

$$\frac{2}{8} \times \frac{3}{4} = \boxed{\hspace{2cm}}$$

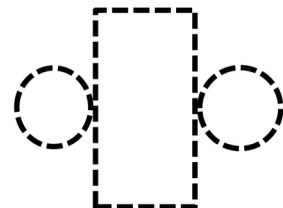
Divide the fraction below:

$$\frac{4}{7} \div \frac{2}{3} = \boxed{\hspace{2cm}}$$

5.NF

What 3 dimensional shape will this 2 dimensional net create.

Answer _____



6.G

Name: _____

READING REVIEW

CAMPING

By: A Thinker’s Toolbox

Sam was so thrilled for the camping trip to Yellow Stone National Park. He had never been there, but he had read all about its vast natural beauty. “I’m going kayaking down the river”! Sam told his friends Jake and Michael. Sam loved anything to do with the water. “Wow, you’re so lucky!” said Jake. Jake had never been camping or kayaking before and he was green with envy. When Sam got home from school on Friday, he ran upstairs to pack. What do I bring and where do I begin, he thought. Once his bags were packed he took them to the car along with a tent and his kayak. Sam’s mom packed the food and his dad took care of the cooking supplies. “Did you bring your swimming clothes?” Sam’s mom asked. “Oh Mom, of course I did” said Sam. Sam’s Dad giggled and continued packing the remaining supplies into the car. What a trip this will be, Sam thought and smiled.

Directions: Read the passage above and then answer the following questions:

1. What kind of natural beauty do you think Sam will see?

2. Is Jake actually the color green? Why or why not?

3. What would you bring on a camping trip to a national park?

Name: _____

READING REVIEW

SUMMER VACATION

By: A Thinker's Toolbox

Like two peas in a pod, Jessie and Kathy spent their entire summer vacation together. They shopped at the mall, watched movies, and talked for hours. Having someone to talk to was extremely important to Kathy. Kathy had no one to talk at home and enjoyed her chats with Jessie *immensely*. Jessie was tall with long black hair. Kathy had short hair and wore glasses. They both loved shopping and feasting on chocolate ice cream. Although they liked similar things they differed in one area, Jessie loved to socialize while Kathy did not. Jessie was Kathy's best and only friend. Kathy feared that Jessie would find other friends and forget about her. But on the first day of school Jessie gave Kathy half of a heart pendent while Jessie kept the other half. Jessie promised Kathy that they would be friends forever. Kathy smiled and knew in her heart that everything would be okay.

Directions: Read the passage above and then answer the following questions:

1. How are Jessie and Kathy alike? How are they different?

2. Why are Jessie and Kathy "two peas in a pod"?

3. What does *immensely* mean?

4. Why do you think Kathy has no one at home to talk with?

Name: _____

READING REVIEW

FIRST DAY OF 6th GRADE

By: A Thinker’s Toolbox

Phillip was extremely nervous for the first day of middle school. He just moved from a different state and left all of his friends behind. Phillip was usually the smallest kid in his class and making friends never came easily to him. Jason was Phillip’s only friend and he promised to keep in touch. How will I ever find a friend like Jason, Phillip thought. Starting a new school was a big deal to Phillip but starting middle school was even bigger. Despite his concerns, Phillip *mustered* up his courage and sat down in his homeroom class on his first day of 6th grade. A boy sat in the empty seat next to him and introduced himself as Brian. After talking for a bit, Phillip quickly realized that he and Brian had a lot in common. By the end of class, Phillip’s concerns faded and he felt reassured that he would come to like his new school.

Directions: Read the passage above and then answer the following questions:

1. How does Phillip feel about 6th grade?

Why does Phillip feel that way?

2. What does *mustered* mean?

3. How did Phillip’s feelings change in the story? How do you know?

Name: _____

READING REVIEW

MOVIE TIME

By: A Thinker's Toolbox

It was Friday night and Dylan and Ethan were *ecstatic*. They had no homework and were allowed to stay up late tonight. It was also their weekly movie time. Dylan and Ethan loved movie time. For most movies, they would set up blankets and pillows on the living room floor. They also set up a spot just for their younger sister, Sienna. Sienna was only three years old and loved movie time more than her brothers. Dylan and Ethan adored their sister and would do just about anything for her. Shortly after dinner, Dylan, Ethan, and Sienna took a bath and dressed in their coziest pajamas. Their Mom came into the living room and announced, "I have a surprise for all of you." "What is it?" they replied. Mom smiled, "I was able to get the movies "Monsters from Mars" AND "Princesses from Pluto." "YES!" they shouted. The three of them could not believe their luck, they were going to watch two movies tonight. "This is going to be the best movie time ever!" they cheered.

Directions: Read the passage above and then answer the following questions:

1. Where do you think Sienna's spot is located on the floor?

2. What does *ecstatic* mean?

3. Do you like to watch the same kind of movies that Dylan, Ethan or Sienna watch? If you said yes, tell me why.

If you said no, then tell me what type of movies do you like to watch.

Name: _____

READING REVIEW

SPIDERS

By: A Thinker's Toolbox

Fun Fact: spiders have
48 knees. Yes, each leg
has six joints!

What has eight legs and belongs to the arachnid family? No, it's not your brother or your sister. It's a spider! There are over 40,000 different types of spiders and they are located on every continent except Antarctica. Spiders have two body segments, eight legs, and eight eyes. All spiders have fangs with venom. They use this venom to catch their prey. Although spiders have a venomous bite, scientists are working on using their venom in medicines and non-polluting pesticides. I don't think spiders will make very good pets, do you?

Directions: Read the passage above and then answer the following questions: 1. What animal family do spiders belong to?

_____ 2.

What continent does not have any spiders?

_____ 3.

About how many different kinds of spiders are there?

_____ 4.

How many knees does a spider have? And tell me why.

_____ 5.

How are spiders helping scientists?

_____ 6.

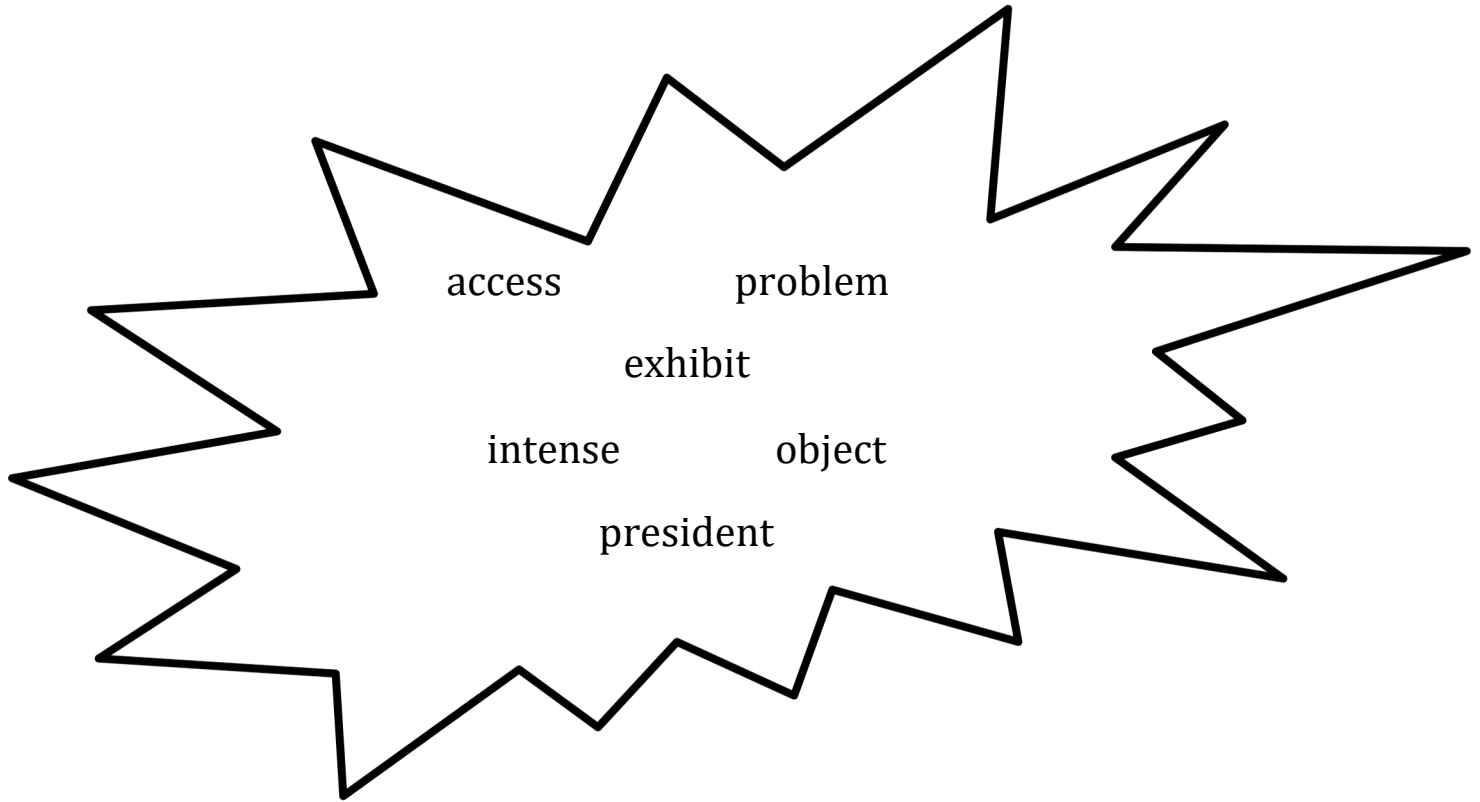
Is the last statement in the passage a fact or an opinion? _____

How do you know? _____

Name: _____

SPELLING REVIEW

Directions: Use these words to complete the activities below.



Unscramble the words below:

jotbec _____

omprble _____

cscsea _____

eennits _____

tpdneiers _____

htxeiib _____

Rewrite the words below:

access _____

exhibit _____

intense _____

object _____

president _____

problem _____

Complete the sentence below with the correct challenge word.

paint

negotiate

observe

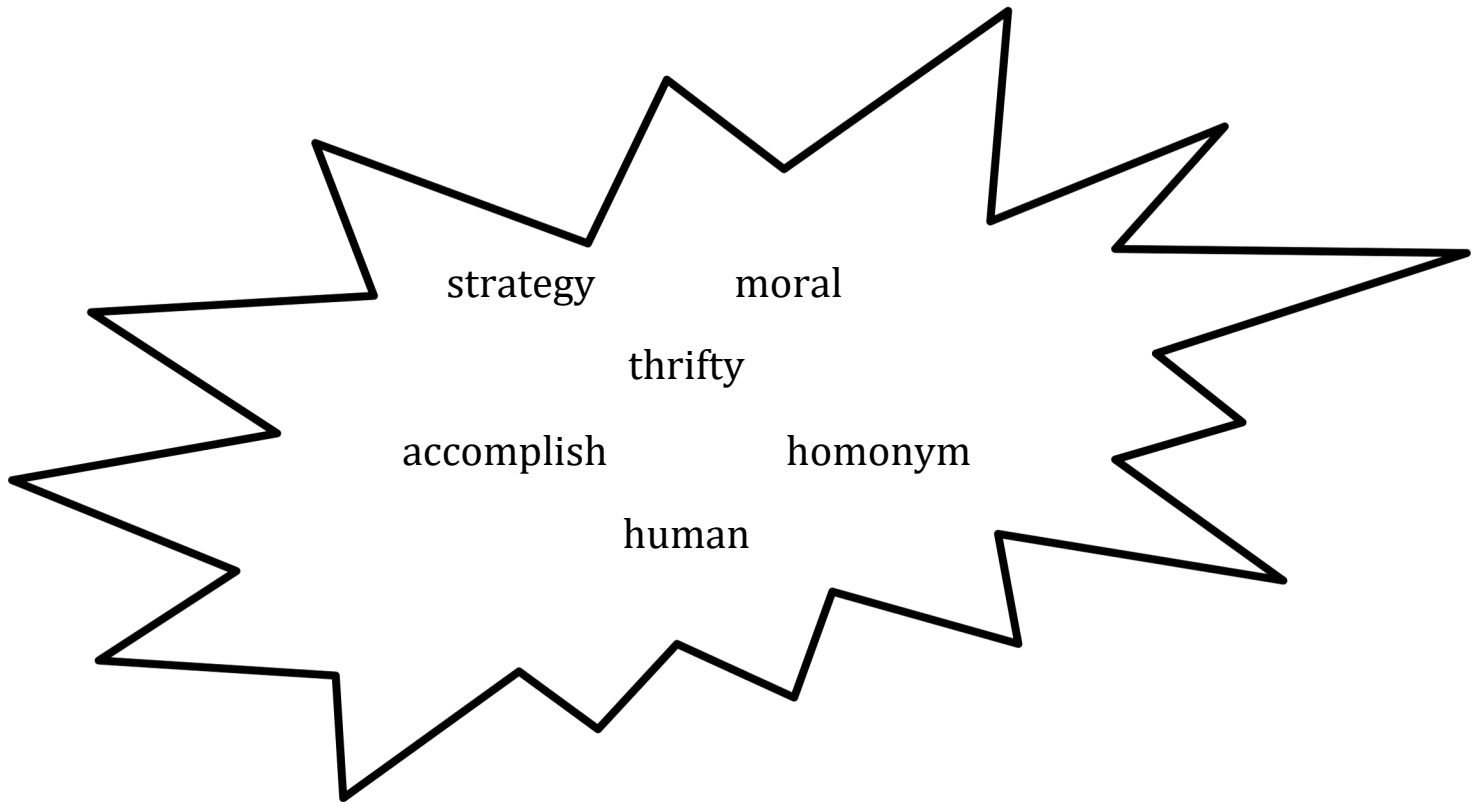
guide

The robber would like to _____ his terms with the police.

Name: _____

SPELLING REVIEW

Directions: Use these words to complete the activities below.



Put your spelling words in alphabetical order.

Rewrite the words below:

human	_____	_____
thrifty	_____	_____
strategy	_____	_____
moral	_____	_____
accomplish	_____	_____
homonym	_____	_____

Complete the sentence below with the correct challenge word.

orphan

graph

value

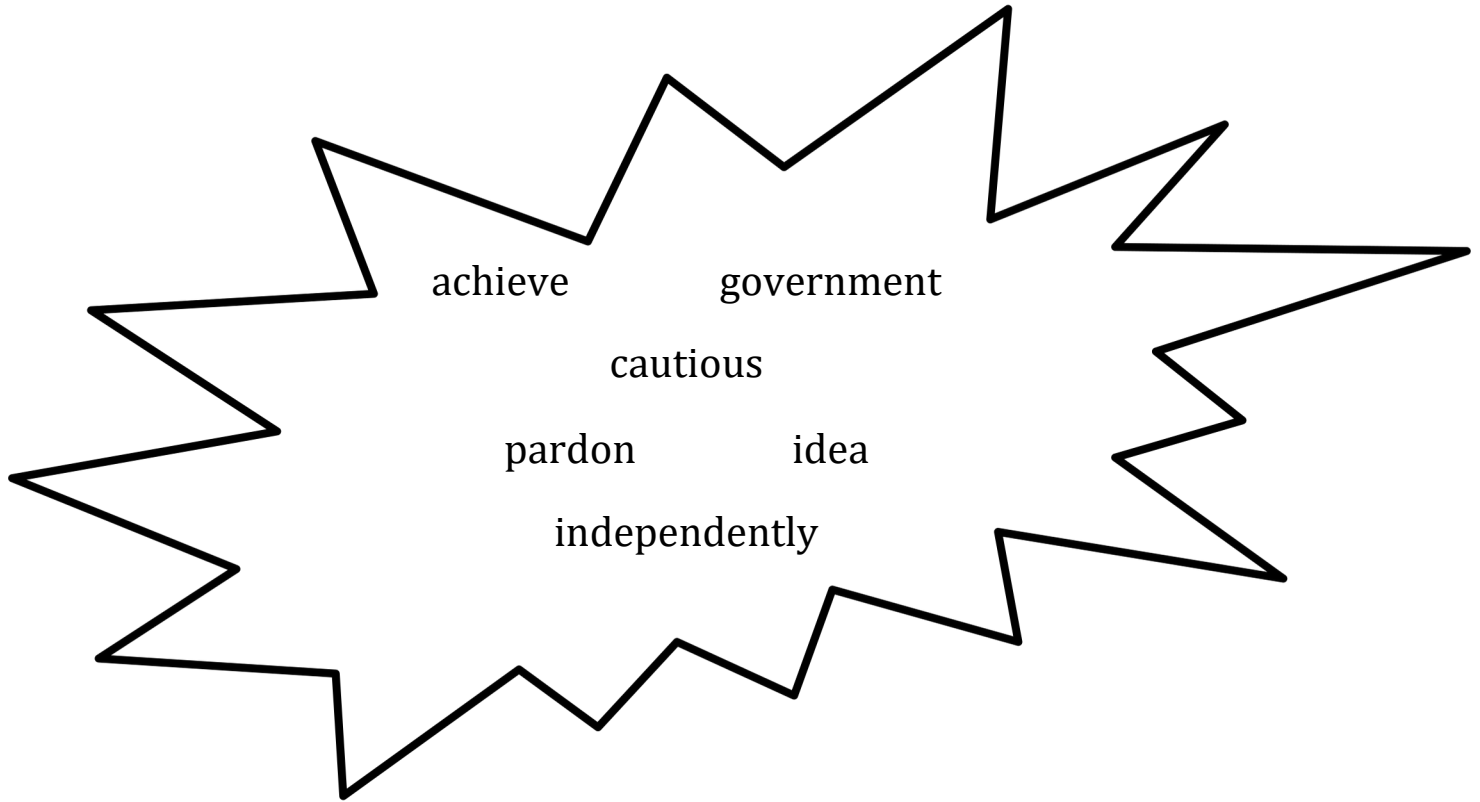
majority

The _____ voted to skip the math test today.

Name: _____

SPELLING REVIEW

Directions: Use these words to complete the activities below.



Complete the sentence with the correct word:

Work on this worksheet _____.

_____ the inconvenience!

What goal would you like to _____?

Please be _____ in the rain.

There are three branches of

_____.

Let's share your group's _____ for
your project.

Trace the words in three different colors:

achieve
cautious
government
idea
independently
pardon

Complete the sentence below with the correct challenge word.

abandoned

shelter

report

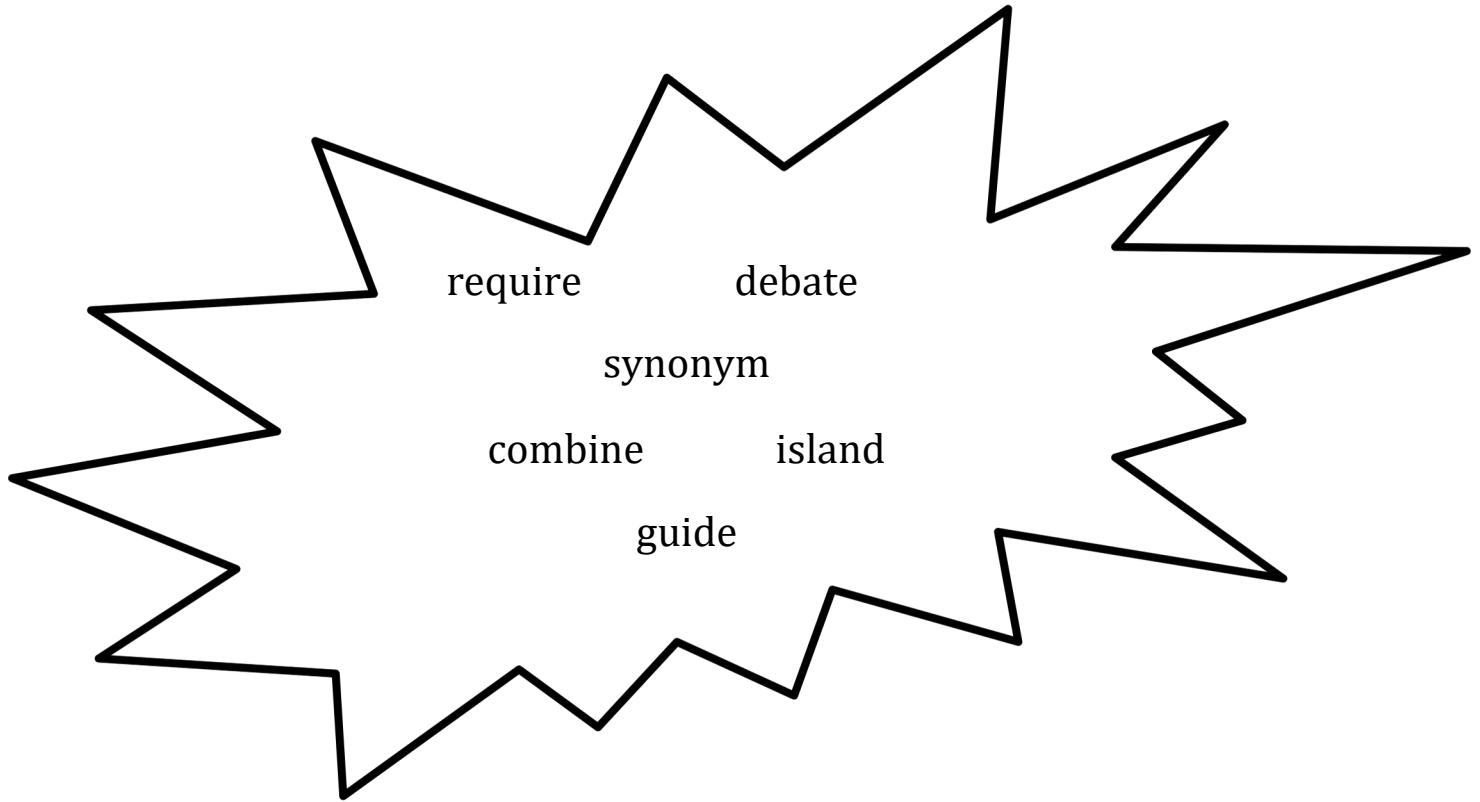
property

That old house looks _____ and run down.

Name: _____

SPELLING REVIEW

Directions: Use these words to complete the activities below.



Unscramble the words below:

dilsna _____
egdiu _____
mecibon _____
aetedb _____
eeriutr _____
nnyymos _____

Trace the words in three different colors:

combine
debate
guide
island
requirer
synonym

Complete the sentence below with the correct challenge word.

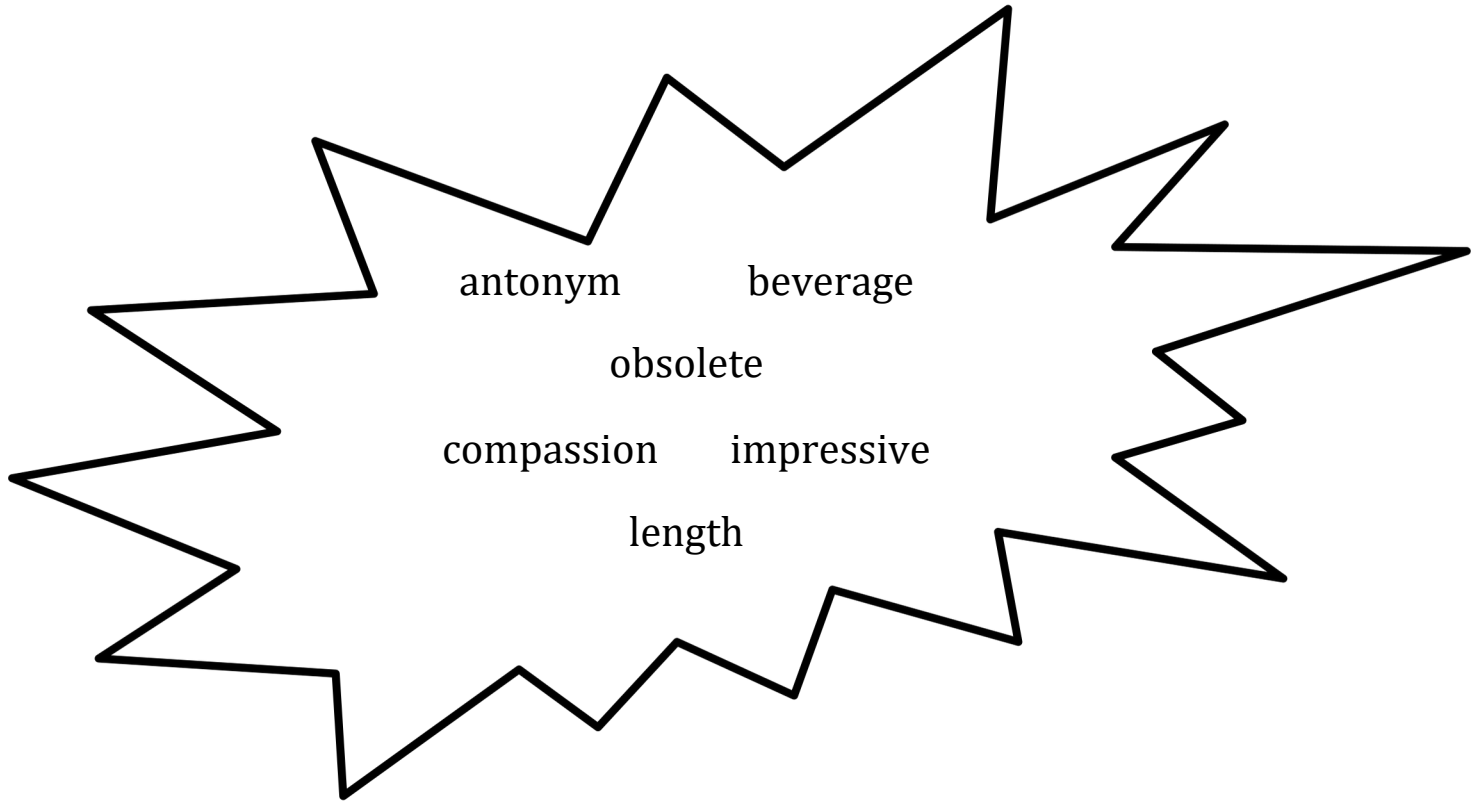
steer **cumulative** **radio** **actor**

Your final grade will be a _____ grade.

Name: _____

SPELLING REVIEW

Directions: Use these words to complete the activities below.



Put your spelling words in alphabetical order.

Unscramble the words below:

thlgne _____

oascisopnm _____

gebereav _____

tnnmayo _____

vipmsersie _____

toobeasl _____

Complete the sentence below with the correct challenge word.

easy informative capital treacherous

That mountain climb will be _____ and dangerous.

Name: _____

WRITING REVIEW

Directions: Circle all of the mistakes in this sentence.

I have tree brother's, there names is john, bill and ted.

Now, rewrite the sentence correctly:

Next, change one of the names:

Finally, add an adjective in front of the word brothers:

Challenge: Change or add a word in the sentence to make it silly:

Name: _____

WRITING REVIEW

Directions: Circle all of the mistakes in this sentence.

The upcoming school year started in exactly tenty too dayes from now.

Now, rewrite the sentence correctly:

Next, change the event i.e. “school”:

Finally, change the sentence to past tense.

Challenge: Change or add a word in the sentence to make it silly:

Name: _____

WRITING REVIEW

Directions: Circle all of the mistakes in this sentence.

Did u c that gorgous sunset in the sky this evning.

Now, rewrite the sentence correctly:

Next, change the word sunset:

Finally, change the time of day:

Challenge: Change or add a word in the sentence to make it silly:

Name: _____

WRITING REVIEW

Directions: Circle all of the mistakes in this sentence.

The airplane will departed in to hours to new york city.

Now, rewrite the sentence correctly:

Next, change the destination:

Finally, add an adjective in front of airplane:

Challenge: Change or add a word in the sentence to make it silly:

Name: _____

WRITING REVIEW

Directions: Circle all of the mistakes in this sentence.

“Dont forgot two moe the lawn this sun day, Mom said.

Now, rewrite the sentence correctly:

Next, change the word “said”:

Finally, change the type of chore:

Challenge: Change or add a word in the sentence to make it silly:

SPELLING FLASHCARDS

access

problem

exhibit

object

SPELLING FLASHCARDS

intense

president

strategy

moral

thrifty

accomplish

homonym

human

SPELLING FLASHCARDS

achieve

government

cautious

pardon

SPELLING FLASHCARDS

idea

independent

require

debate

synonym

combine

island

guide

antonym

beverage

obsolete

compassion

SPELLING FLASHCARDS

impressive

length

READING LOG

Book Title	Time
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10	
11.	
12.	
13.	
14.	
15.	
16.	
17.	
18.	
19.	
20.	
21.	
22.	
23.	
24.	
25	

ANSWER KEYS

Math Review:

Write an equation for the following: Add 4 and 5 then multiply by 12. Solve.

$$(4 + 5) \times 12 = 108$$

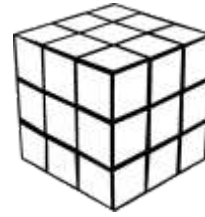
Write an equation for the following: Add 10 and 20 then divide by 15. Solve.

$$(10 + 20) \div 15 = 2$$

5.OA

What is the volume of this cube?

$$V = L \times W \times H$$



$$V = 3 \times 3 \times 3$$

Answer: 27 cubic inches

5.MD

Use $<$, $>$, or $=$ for the following:

$$10.15 \quad \bigcirc \quad 10.51$$

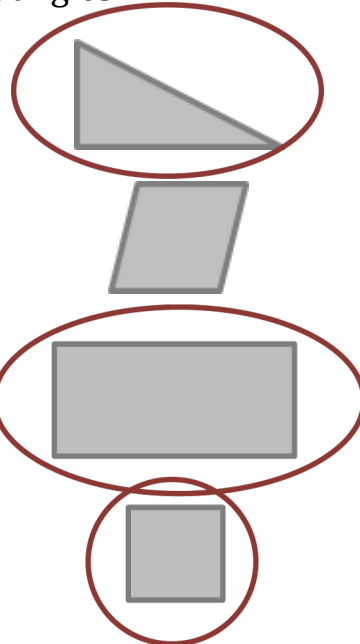
$$12.09 \quad < \quad 22.02$$

$$.70 \quad > \quad .07$$

$$99.99 \quad \bigcirc \quad 9.999$$

5.NBT

Circle all of the 2 dimensional figures with right angles.



5.G

Solve the equation below if $y = 12$:

$$48 - y =$$

$$48 - \boxed{12} = 36$$

6.EE