


Name _____

Selma needs 48 ounces of chocolate chips for her cookie recipe. How many pounds of chocolate should she buy?



If a square has 7-inch sides, what is its perimeter? What is its area?

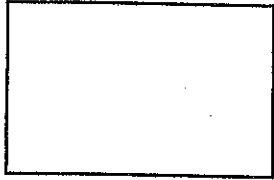
1 milliliter is 1,000 times less liquid than 1 _____.

A rectangular restaurant kitchen measures 9 meters long and 12 meters wide. What is the total area of the kitchen? Show your work.

Which phrase means $(65 \div 5) - 4$?

- divide 65 by 5, then add 4
- divide 65 by 5, then subtract 4
- divide 5 by 65, then subtract 4
- add 4, then divide 65 by 5

0.300 0.40

$$\begin{array}{r} 22,852 \\ + \quad 529 \\ \hline \end{array}$$


Perimeter _____

Area _____

$637 \div 7 =$

On a coordinate plane, the x-axis and the y-axis intersect at a point. What is this point called? _____
Draw and label this point.

Name: _____ Date: AMI DAY 3

VPA 5th Grade

Atmospheric Science

#221. Storms 5

Write T for true or F for false.

1. **Tornadoes** are more common in the United States than anywhere else.
2. Tornadoes are the most violent concentration of energy that the atmosphere can produce.
3. Tornadoes occur mostly in the fall and winter.
4. Tornadoes can lift trains off the tracks.

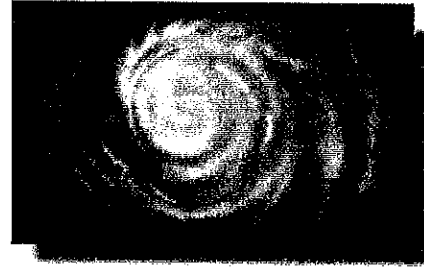


#222. Storms 6

Match the tropical storm with its location.



1. _____ over the Pacific Ocean
2. _____ over the Indian Ocean
3. _____ over the Atlantic Ocean

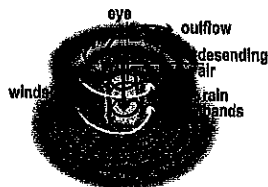


#223. Storms 7

Fill in the blanks with words from the box.



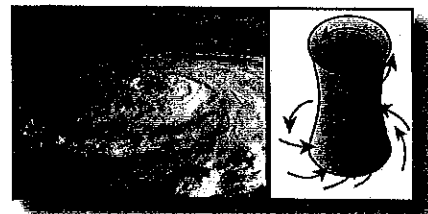
A _____ begins over warm, _____ water when strong _____ blow into an area of _____ pressure and start _____ rapidly. They pick up speed until they reach _____



#224. Storms 8

Circle the word in the parentheses that makes each sentence about a storm's center correct.

1. The (lower / higher) the air pressure at the center of a storm, the (slower / faster) the winds blow toward the center.
2. The (highest / lowest) air pressure and the (coolest / warmest) temperatures are at the (center / edge) of the storm.



AMI Days 1-5

<http://www.mobymax.com>

20 minutes Moby Max Math

15 minutes Moby Max Fact Fluency

<https://www.zearn.org>

15-30 minutes Zearn

No Snow Required

What do you get when you cross a snowboarder, a skateboarder, and a mountain biker? A mountainboarder, of course!

Mountainboarding is an extreme sport that is becoming very popular these days. It involves racing downhill or doing tricks on an oversized skateboard. Mountainboarders practice their sport on dirt roads, in sand dunes, on grassy ski slopes, in skate parks, and even on BMX tracks. "Basically, this is for guys who like to play in the dirt," Don Baker, a mountainboarder from San Jose, California, told *The New York Times*.

Snowboarders Jason Lee and Patrick McConnell invented mountain-boarding in the summer of 1993. Both were bored because of the lack of snow. When the boredom got too much for them, the pair took wheels from wheelbarrows and dollies and fastened them to plywood planks. In that instant, mountainboarding was born.

The boards have big inflatable wheels in the back. The rider uses a front wheel to steer. The board is also equipped with shock absorbers and brakes. Different kinds of boards, including dirt boards and all-terrain boards, are available.

Every August, racers and tricksters travel to Colorado to battle in the U.S. Open Mountainboarding Championships. Since 2005, mountainboarding has taken off. "Mountainboarding is happening all over the world," Lee, now a seven-time national mountainboarding champion, told *Senior Edition*. "It's easier to learn than snowboarding or skateboarding. And you don't even need a mountain."

battle bat · tle**Definition****noun**

1. a fight between two opposing sides.

Many soldiers died in the battle.

verb

1. to fight or struggle against.

The firefighters battled the fire.

Advanced Definition**noun**

1. a hostile and violent meeting between two opposing sides; fight.

A decisive battle of the Civil War was fought on this hill.

2. a contest or competition.

The race was a battle between two excellent runners.

intransitive verb

1. to engage in a battle or fight.

The ship's crew battled against the terrible storm.

2. to struggle.

He battled hard against alcoholism.

transitive verb

1. to fight or struggle against.

They are battling the disease with sophisticated drugs nowadays.

These are some examples of how the word or forms of the word are used:

1. The song tells the story of a battle the United States was fighting 200 years ago.
2. The battle started on August 27th, when British soldiers raided a watermelon patch, and were fired upon by American troops.
3. Magellan himself was killed in a battle in the Philippines.
4. Sundiata rode back to Mali to face Sumanguru in a great battle.
5. He won the battle against Sumanguru and became the strongest and most powerful person in West Africa.

champion

 cham · pi · on

Advanced Definition

noun

1. one that has taken first place in a competition; winner.

They applauded the champion as he crossed the finish line.

2. one that is acknowledged to be of high competitive ability as a result of previous shows or games.

He was a champion as a swimmer and won several medals in the sport.

Most bets were placed on the known champion.

3. one who speaks in support of or fights for a person or cause.

Martin Luther King, Jr. was a champion of civil rights.

She was an outspoken champion of the poor.

transitive verb

1. to defend or fight for; advocate.

As a congresswoman, she championed the cause of fair labor practices.

adjective

1. superior to all competitors.

She's a champion athlete.

Spanish cognate

campeón: The Spanish word *campeón* means champion.

These are some examples of how the word or forms of the word are used:

1. Mountainboarding is happening all over the world, Lee, now a seven-time national mountainboarding champion, told Senior Edition.
2. As an editor, you were the author's teacher, their motivational coach, and their champion within the publishing house.
3. He would be wrapped up in a blanket like the one he was wearing now, and his photograph would be taken and put on the front page of the newspaper the next day with the headline: "Local Boy Swims the Length of Lake, Now Champion."
4. Boxing champion Muhammad Ali received 2005's Presidential Medal of Freedom.
5. Bethany was well on her way to being a champion surfer.
6. He's also a champion chess player.
7. It's World Series time in Major League Baseball, and you know what that means: home runs, on-field heroics, the crowning of a new champion.
8. Jackson became known as a champion of the people.

extreme ex · treme**Definition****adjective**

1. far beyond what is usual or reasonable.

I do not agree with your extreme ideas.

2. very great; to the highest degree.

She is in extreme pain.

noun

1. the farthest point or greatest degree.

His moods go from one extreme to the other.

Advanced Definition**adjective**

1. at the most distant point or outer limit of.

Her office was at the extreme end of the hall.

These stars are at the extreme edge of our galaxy.

2. well beyond what is considered moderate, reasonable, or within the norm.

Her political ideas were extreme.

His drinking had become extreme by this point.

3. of a kind or degree well beyond the ordinary.

Extreme measures will have to be taken to prevent this crisis.

His parents' extreme wealth set him apart from the other children.

The planet's extreme temperatures would make life as we know it impossible.

The situation was one of extreme urgency at this point.

4. of the highest degree, or of a very high degree; utmost.

Extreme cruelty was part of his makeup.

She was in extreme pain while waiting for the ambulance to arrive.

5. risky or thrill-seeking, as sports or other activities that involve heights, speed, or dangerous

stunts.

White-water kayaking is an extreme sport.

noun

1. the furthest limit or highest degree.

She went to extremes to please us.

The north and south poles are the extremes of this planet.

2. something that is extreme.

These attitudes are extremes; they don't represent the norm.

Spanish cognate

extremo: The Spanish word *extremo* means extreme.

These are some examples of how the word or forms of the word are used:

1. Some scientists expect increase in so-called "extreme weather" events, such as hurricanes and floods.
2. Some varieties of a certain vegetable might be resistant to certain diseases, others better able to survive in extreme temperatures, and so on.
3. "Absolutely right!" Professor Helfand said. "It's part of one the brightest constellations we can see, called Ursa Major. Here's a little trick about Ursa Major and the North Star. See the two stars on the extreme right, at the bottom of the constellation?"
4. Extreme athletes say they love taking risks. But others say that extreme sports are too dangerous. They say those sports shouldn't be played.
5. In a time of extreme drought, peasants might have refused to give the little food that they had to the nobles.
6. The trip was very challenging. Crossing rivers was extremely dangerous. Often parts of the wagon would break.
7. I admit it: in elementary school I had been known to stretch the truth. I didn't consider it lying, per se, just extreme exaggeration.
8. When his friends came over, she was extremely nice to them, so they always asked her to hang out and play video games.
9. Besides, not all rap is extreme. Groups like De La Soul rap without being rude.
10. Patty and Jordan were both extremely athletic; Jordan was the star of her high school track team, while Patty was an active mountaineer.

Name: _____ Date: _____

1. What is a meaning of the word **battle**?

- A. the extended spatial location of something
- B. an energetic attempt to achieve something
- C. an amount of something available for use

2. What is another meaning of the word **battle**?

- A. an open clash between two opposing groups (or individuals)
- B. a person with advanced knowledge of one or more sciences
- C. a particular course of action intended to achieve a result

Please use each answer choice only once. Choose the one word that best completes the sentence.

3. Soon the Greeks made another desperate assault on the city walls; but safe behind their _____, the Trojans drove them back with hornet flights of arrows.

- A. battlements
- B. battlement
- C. battles
- D. battle
- E. battling

4. We had more than 4,000 firefighters _____ a wildfire in San Bernardino.

- A. battlements
- B. battlement
- C. battles
- D. battle
- E. battling

5. Soldiers wrote messages and drew maps during _____ and while on patrol.

- A. battlements
- B. battlement
- C. battles
- D. battle
- E. battling

6. Instantly, from the _____ above, the voice of a sentinel cried, "Who goes there?"
- A. battlements
 - B. battlement
 - C. battles
 - D. battle
 - E. battling

7. In a _____ near Antietam Creek in Maryland, the Union army would need Clara's help.
- A. battlements
 - B. battlement
 - C. battles
 - D. battle
 - E. battling

8. Please write your own sentence using the word **battle**.

9. What would you like to remember about the meaning of the word **battle** so that you can use it when you write or speak?

Name: _____ Date: _____

1. What is a meaning of the word **champion**?

- A. the event consisting of the start of something
- B. someone who is dazzlingly skilled in any field
- C. a statement that represents something in words

2. What is another meaning of the word **champion**?

- A. a young dog
- B. steadiness
- C. the winner

Please use each answer choice only once. Choose the one word that best completes the sentence.

3. He was _____ their cause wherever he played.

- A. champion
- B. champions
- C. championed
- D. championing

4. Wilma Rudolph was a teacher, coach, _____ athlete, and mother of four children.

- A. champion
- B. champions
- C. championed
- D. championing

5. We are real _____, playing with a real ball.

- A. champion
- B. champions
- C. championed
- D. championing

6. She _____ the rights of women to equal access in team sports.

- A. champion
- B. champions
- C. championed
- D. championing

7. Please write your own sentence using the word **champion**.

8. What would you like to remember about the meaning of the word **champion** so that you can use it when you write or speak?

Name: _____ Date: _____

1. What is a meaning of the word **extreme**?

- A. devoid of good sense or judgment
- B. of sports, difficult or dangerous
- C. of or pertaining to the universe

2. What is another meaning of the word **extreme**?

- A. characterized by variety
- B. of or relating to music
- C. ultimate, final or last

Please use each answer choice only once. Choose the one word that best completes the sentence.

3. A boundary is that which is the _____ of something.

- A. extremity
- B. extremities
- C. extremely
- D. extremes
- E. extreme
- F. extremism

4. Revolutionary France was marked by _____ of all sorts.

- A. extremity
- B. extremities
- C. extremely
- D. extremes
- E. extreme
- F. extremism

5. Mostly it is windy land, and dry, with _____ of heat and cold.

- A. extremity
- B. extremities
- C. extremely
- D. extremes
- E. extreme
- F. extremism

6. And the _____ of a line are points.

- A. extremity
- B. extremities
- C. extremely
- D. extremes
- E. extreme
- F. extremism

7. Earth is _____ small compared to the sun.

- A. extremity
- B. extremities
- C. extremely
- D. extremes
- E. extreme
- F. extremism

8. They live in the dark at _____ pressures and temperatures not found on the surface.

- A. extremity
- B. extremities
- C. extremely
- D. extremes
- E. extreme
- F. extremism

9. Please write your own sentence using the word **extreme**.

10. What would you like to remember about the meaning of the word **extreme** so that you can use it when you write or speak?

Name: _____ Date: _____

1. Jason Lee is a mountainboarder who

- A. invented his own sport.
- B. has been a national champion 7 times.
- C. knows snowboarder Patrick McConnell.
- D. all of the above.

2. Mountainboarding

- A. takes place only on a mountain.
- B. involves wheelbarrows.
- C. is exactly like skateboarding.
- D. involves racing downhill on an oversized skateboard.

3. Based on how mountainboarding came into being, you could say that

- A. boredom can have lucky results.
- B. without snow, mountainboarding cannot be practiced.
- C. it took about 5 years for mountainboarding to become popular.
- D. for mountainboarding, you need a grassy ski slope.

4. The U.S. Mountainboarding Championships take place in

- A. San Jose, CA.
- B. skate parks.
- C. BMX track facilities.
- D. Colorado.

5. What are the similarities and differences between a skateboard and a mountainboard?
