

Name _____

I have one set of parallel lines. My angles add up to 360° . None of my angles or lines have to be congruent. What shape am I?

I have two sets of parallel lines. Each set of lines is congruent. My angles add up to 360° . My opposite angles are congruent. What shape am I?

In which number is the value of the digit in the tens place one-tenth the value of the digit in the hundreds place?

- 35,629
- 33,479
- 90,454
- 34,885

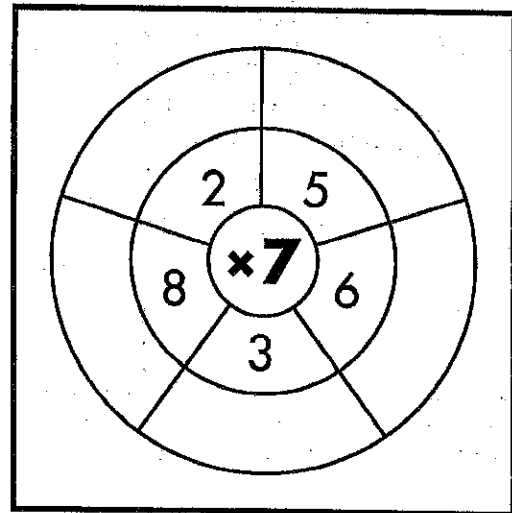
Word Form

315.89

| Hundreds | Tens | Ones | Tenths | Hundredths |
|----------|------|------|--------|------------|
| | | | | |

Expanded Form

15 qt. 4 gal.



$$\begin{array}{r} 2,358.82 \\ + 987.38 \\ \hline \end{array}$$

Round the answer to nearest hundred.

Complete the fractions so they are equivalent to $\frac{1}{2}$.

$\frac{\quad}{10}$

$\frac{2}{\quad}$

$\frac{\quad}{20}$

$\frac{\quad}{18}$

$\frac{\quad}{8}$

$\frac{\quad}{14}$

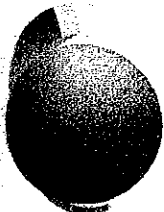
$\frac{6}{\quad}$

7.863

Round to the nearest
hundredth. _____
tenth. _____
whole number. _____

Make the smallest whole number possible using all 6 digits.

3, 9, 4, 8, 2, 5



NAME _____

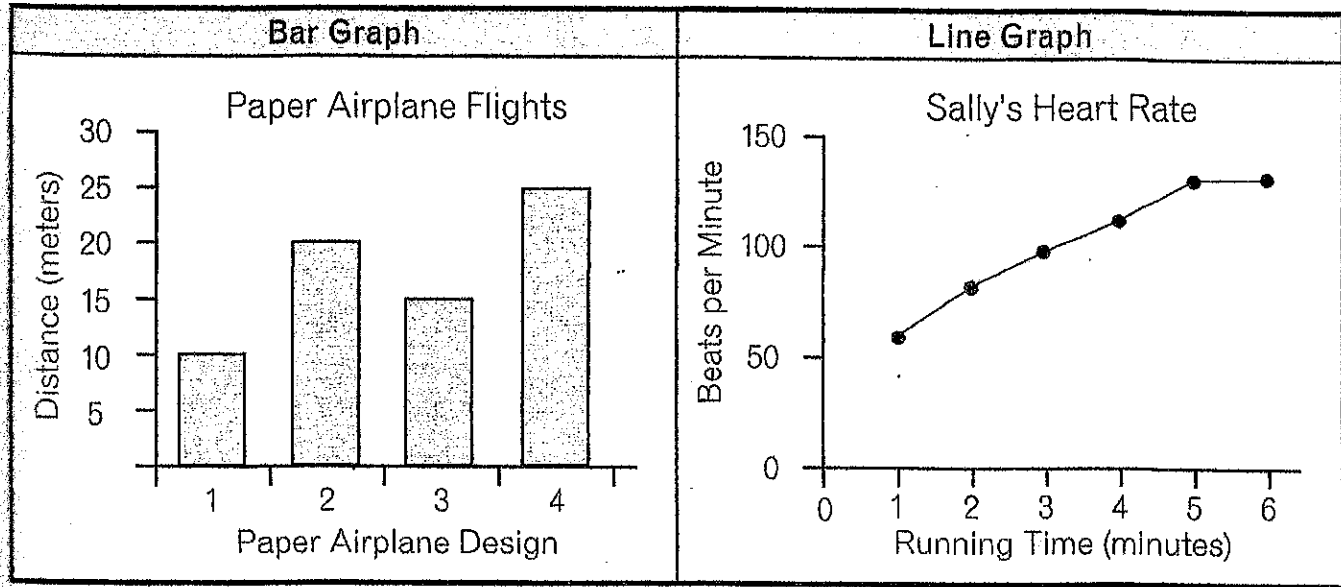
DATE AMI DAY 2
VPA 5th Grade

READING AND MAKING GRAPHS

SCIENCE SKILLS

Scientists often share the results of their experiments with other scientists through the use of graphs. As a student scientist, it is important to be able to make and read graphs so that you can effectively share your data with others. Although there are many different types of graphs, this activity concentrates on the two most common—**bar graphs** and **line graphs**.

Look at the following graphs and answer the questions below.



BAR GRAPH

- How many meters did Design 1 fly? _____
- Which paper airplane flew the shortest distance? _____
- How many designs of paper airplanes were tested? _____
- Based on the data, explain which paper airplane design flew the furthest.

LINE GRAPH

- At how many minutes did Sally's heart rate increase to 100 beats per minute? _____
- How long did it take for Sally's heart rate to become constant? _____
- According to the graph, what was Sally's peak heart rate? _____
- Predict what Sally's heart rate will be at seven minutes. _____

Earth and Space Science

Bell Ringer 91: Earth's Atmosphere

Name: _____

Date: AMI DAY 2

VPA 5th Grade

The earth is surrounded by different layers of air called the **atmosphere**.

Directions: Circle the correct answer for each multiple-choice question.

1. In which layer do most airplanes fly?
 - a. stratosphere
 - b. troposphere
 - c. mesosphere
 - d. ionosphere
2. Which layer has the coldest temperatures?
 - a. exosphere
 - b. thermosphere
 - c. ozonosphere
 - d. mesosphere
3. Which layer reflects radio waves back to Earth?
 - a. magnetosphere
 - b. ionosphere
 - c. troposphere
 - d. thermosphere
4. In which layer do we live?
 - a. mesosphere
 - b. stratosphere
 - c. troposphere
 - d. exosphere
5. Which layer has most of Earth's weather?
 - a. troposphere
 - b. exosphere
 - c. ozonosphere
 - d. thermosphere

Bell Ringer 92: The Water Cycle

Name: _____

Date: _____

The **water cycle** is an exchange of water between land, bodies of water, and the atmosphere.

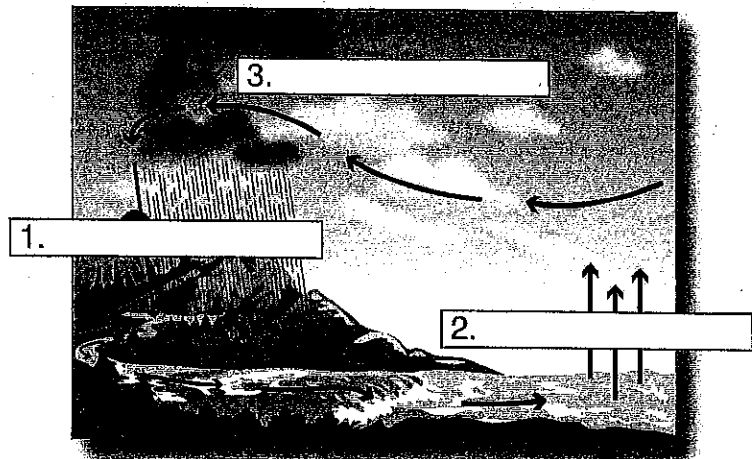
Directions: Label the water cycle diagram. Then write a description for each process you labeled in the water cycle diagram.

Description

1. _____

2. _____

3. _____



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

News Debate: Snowed Out!



Should schools ban snow days?

Students at Mississinawa Valley School in western Ohio have to say "so long" to snow days. The white powder may fall, but students won't be able to spend the day sledding. Classes will be in session-online. Officials say that holding electronic workdays (e-days) will help students keep up with their studies and familiarize them with virtual learning. It will also prevent requiring students to make up days later in the year.

Some students argue that it's not fair to ditch snow days, however. They say that snow days give them a much-needed break. They also note that missing a day here and there is not enough to put them behind. In addition, some educators point out that not everyone has access to home computers and that sometimes siblings have to share computers. Should students be required to work on snow days? *Current Events* student reporters Jordan Dewar and Logan Gegg shoveled it out.

E-day Now, Play Later

Which would you prefer: spending a cold day on a computer, or sitting in school in June when you should be on vacation? Having online work on a snow day is the better choice. You would be working on a day that you already planned on having schoolwork. As Patrick Long, 13, from Silver Spring, MD., says, "A couple hours of online work beats going in for

additional days in June."

Having extra days of school in summer can interfere with families' vacation plans. Besides, what if your school does not have air-conditioning? Imagine sweating through seven hours of school on a hot June day when you could have been relaxing by a pool. Doesn't an e-day sound better than that?

Finally, for some students, it would be easier to concentrate on e-days than on makeup days. "You can do a little work online, go play, and then come back later," says Rachel Meyers, 12, from Silver Spring. "But on June days you would just have to sit there for seven hours, thinking about how you could be outside, so you lose focus."

Save Snow Days

Snow days are days of well-deserved fun. However, a school in Ohio wants to replace them with e-days. Four out of five Altamont, Kan., students disagree with that arrangement. One problem with the plan is that it punishes students who don't have computers at home; those kids would have to make up e-day work within two weeks. So when school resumes after an e-day, the students without Internet access at home will be behind and have to work double-time to catch up.

In addition, some school districts may not have the money to fund e-days. According to the American Association of School Administrators (AASA), many districts are making budget cuts. "School budget cuts across the country ... are expected to continue into the 2012-13 school year," the AASA Web site states. Adding e-days could burden districts in fragile financial situations. Austin Krewson, an Altamont eighth grader, agrees. "The school wouldn't be able to afford both the Web site and taking care of the school," he says.

Furthermore, electrical outages are common during snowstorms. If kids don't have power at home, the money and time involved in implementing the new program would be wasted.

administrator ad · min · is · tra · tor**Advanced Definition****noun**

1. a person who manages, esp. business or public affairs; executive; bureaucrat.
2. a person appointed by a court of law to manage or oversee the estate of a deceased person.

Spanish cognate

administrador: The Spanish word *administrador* means administrator.

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

1. Lucille Lange Hodgson, a school administrator from Bogota, N. J., explains, "We need to look at the future of student testing."
2. If not, talk with a teacher or a school administrator about what you could do to start one.
3. Art Ellison is the administrator of the New Hampshire State Bureau of Adult Education, which helps fund many programs for grown-ups who need to improve their skills.

session ses · sion

Definition

noun

1. a one or more meetings of a court or a government council.

Sessions of Congress begin in January and end in November or December.

*The court is now **in session***.

2. the period of time when a school is open for classes.

He took a course during the summer session.

Advanced Definition

noun

1. a legislative or judicial meeting or meetings.
2. the continuous period of time during which such a meeting or meetings occur.
3. any official meeting.
4. the period of time when a school is open for classes.

summer session.

5. a continuous period of work or study.

I finished the article in one four-hour session.

Spanish cognate

sesión: The Spanish word *sesión* means session.

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

1. Miss Shields leaves her home for school at 8 a. m. to make sure she is in the building at about 8:35. That is a full 25 minutes before her students arrive and the class session begins.
2. In their first session of Congress in 1789, they agreed to add a Bill of Rights.
3. The glue from the last construction session the night before had set and dried, but it needed string and it needed a tail - something Eleanor could watch wriggle and tumble in the air, her father had said.
4. Classes will be in session - online.
5. To get the most fitness out of any dance session, treat it as you would any other workout.
6. This review session was helpful for Robin, because it reminded him of what he had to do, how to do it quickly and quietly, and how to minimize his movements when switching between the two pairs of binoculars.
7. While in session, Freud encouraged his patients to speak freely. He wanted them to say whatever came to mind.

virtual vir · tu · al**Advanced Definition****adjective**

1. being or resulting in effect but not precisely in fact.

By not defending herself in court, the accused woman gave a virtual admission of guilt.

The public's virtual ignorance of political matters in this city makes corruption more likely.

They had only known each other for a week before the wedding, so they were virtual strangers.

Spanish cognate

virtual: The Spanish word *virtual* means virtual.

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

1. In this everchanging age of technology, it is important for students to learn to work in the virtual world.
2. He sat in a computer-controlled "virtual plane" that never left the ground.
3. Officials say that holding electronic workdays (e-days) will help students keep up with their studies and familiarize them with virtual learning.
4. At Vallivue Virtual Academy, courses are taught online.
5. Supporters of the program say that virtual schools help students avoid the social pressures that can interfere with learning.
6. Students who go to virtual schools will miss many of the benefits of being in a real school.
7. Virtual learning does not need to replace classroom learning entirely, but it can help students work at their own pace.

Name: _____ Date: _____

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

- A. someone who manages a government agency or department
- B. a statistic describing the location of a distribution
- C. a word picture of a person's appearance and character

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

- A. relatively small placental mammals having a single pair of constantly growing incisor teeth specialized for gnawing
- B. a ship used to transport people, smaller vehicles and goods from one port to another, usually on a regular schedule
- C. one who is responsible for software installation, management, information and maintenance of a computer or network

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

3. Afterward, she worked for the National Space and Aeronautics _____ as director of their Office of Exploration.

- A. administrations
- B. administrators
- C. administer
- D. administrative
- E. administration
- F. administrator
- G. administered

4. _____ agencies are created by statutes.

- A. administrations
- B. administrators
- C. administer
- D. administrative
- E. administration
- F. administrator
- G. administered

5. It's a requirement of these tests that the procedure be the same each time it's _____.

- A. administrations
- B. administrators
- C. administer
- D. administrative
- E. administration
- F. administrator
- G. administered

6. People called network _____ or systems administrators manage these networks.

- A. administrations
- B. administrators
- C. administer
- D. administrative
- E. administration
- F. administrator
- G. administered

7. To _____ federal programs to improve housing and rehabilitate American cities, congress in 1965 created the department of housing and urban development (HUD) .

- A. administrations
- B. administrators
- C. administer
- D. administrative
- E. administration
- F. administrator
- G. administered

8. Scrooge was his sole executor, his sole _____, his sole assign, his sole residuary legatee, his sole friend, and sole mourner.

- A. administrations
- B. administrators
- C. administer
- D. administrative
- E. administration
- F. administrator
- G. administered

9. In these, the president announced a drastic reversal of the fiscal policies of previous _____.

- A. administrations
- B. administrators
- C. administer
- D. administrative
- E. administration
- F. administrator
- G. administered

10. Please write your own sentence using the word **administrator**.

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

Name: _____ Date: _____

- 1. What is a meaning of the word **session**?
 - A. likely to happen
 - B. an academic term
 - C. a military group

- 2. What is another meaning of the word **session**?
 - A. willingness of action especially in behavior
 - B. setting an order and time for planned events
 - C. the time during which a school holds classes

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

- 3. They had multiple physical therapy _____ to get her on her feet again.
 - A. session
 - B. sessions

- 4. The annual series of meetings of a Congress is called a _____.
 - A. session
 - B. sessions

5. Please write your own sentence using the word **session**.

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

Name: _____ Date: _____

- 1. What is a meaning of the word **virtual**?
 - A. characterized by extreme care and great effort
 - B. a preparation used to beautify the face or hair
 - C. in effect or essence, if not in fact or reality

- 2. What is another meaning of the word **virtual**?
 - A. operating by computer or in cyberspace
 - B. capable of being managed or controlled
 - C. capable of adapting or of being adapted

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

- 3. It was _____ impossible to stand upright in the high wind.
 - A. virtual
 - B. virtually

- 4. By 2030, instead of just phoning a friend, you will be able to meet in, say, a _____ Mozambican game preserve that will seem compellingly real.
 - A. virtual
 - B. virtually

5. Please write your own sentence using the word **virtual**.

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

Name: _____ Date: _____

1. What are students at Mississinawa Valley School saying "so long" to?

- A. summer vacation
- B. home computers
- C. e-days
- D. snow days

2. What argument is presented in the text?

- A. an argument about whether a school's winter break should be as long as its summer vacation
- B. an argument about whether schools should replace snow days with e-days
- C. an argument about whether students learn better by reading e-books or print books
- D. an argument about what the best way to spend summer vacation is

3. Read this sentence from the text:

"Which would you prefer: spending a cold day on a computer, or sitting in school in June when you should be on vacation?"

What answer does the author probably expect from readers?

- A. The author probably expects readers to answer that they would prefer spending a cold day on a computer.
- B. The author probably expects readers to answer that they would prefer sitting in school in June when they should be on vacation.
- C. The author probably expects readers to answer that they would be equally interested in both options.
- D. The author probably expects readers to answer that they do not have enough information to decide.

4. What is one reason given for having snow days instead of e-days?

- A. Students will be working on days that they already planned on having schoolwork.
- B. Having extra days of school in summer can interfere with families' vacation plans.
- C. Not all students have access to computers at home.
- D. Not all schools have air-conditioning.

5. What is the main idea of this text?

- A. Schools everywhere should replace snow days with e-days.
- B. No school should replace snow days with e-days.
- C. There are reasons for and against replacing snow days with e-days.
- D. Concentrating on computer work in cold weather is easier than sitting in class during the summer.

6. What is one reason given for having e-days instead of snow days?

7. Explain whether snow days should or should not be replaced by e-days. Support your argument with evidence from the text.

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

Some argue that schools should implement electronic workdays; _____, students will have to attend additional school days in June.

- A. previously
- B. currently
- C. for example
- D. otherwise

9. Vocabulary Word: implement: to ensure that a plan of action is completed.

Use the vocabulary word in a sentence:
