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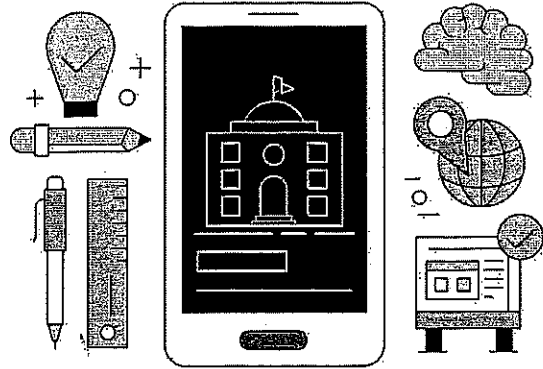
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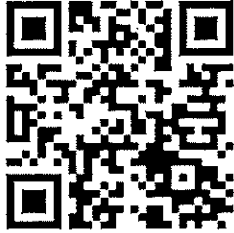

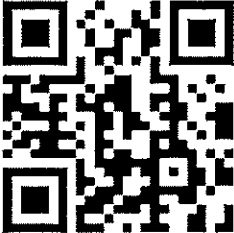
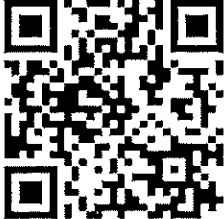
GONOODLE.COM- MOVEMENT AND MINDFULNESS VIDEOS



helpful tips:

- Practice sight words
- Read a book each night
- Practice math facts
- Limit TV/Netflix time
- Encourage movement breaks

Free Resources you can use at home

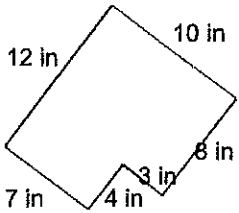
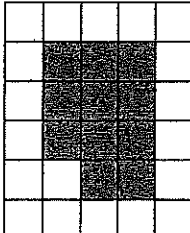
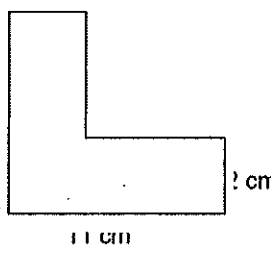


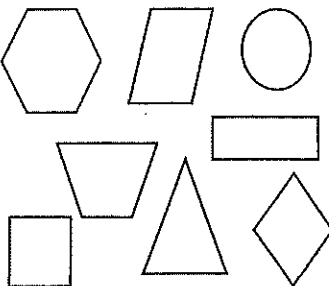

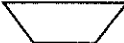


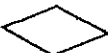

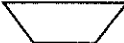


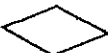

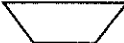


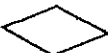
<p><u>Scholastic Learn at Home:</u> free articles, videos, virtual field trips, etc.</p>	<p>https://classroommagazines.scholastic.com/support/learnathome.html?caching</p> <p>Day by day free learning activities</p>	<p>Scan Me!</p> 
<p><u>Nat Geo 4 Kids:</u> National Geographic for Kids</p>	<p>https://kids.nationalgeographic.com/</p>	<p>Scan Me!</p> 
<p><u>Virtual Field Trips</u></p>	<p>https://docs.google.com/document/d/ISvIdgTx9dJK06SjyvPDsoG1kgE3iExmi3qh2KRRkuw/mobilebasic?usp=gmail</p>	<p>Scan Me!</p> 
<p><u>ABC Ya:</u></p>	<p>Abcya.com</p> <p>Games for all subjects</p>	<p>Scan Me!</p> 
<p><u>Epic Reading</u> Free virtual books</p>	<p>https://www.getepic.com/sign-in/educator</p> <p>Use this class code: qjcl638 Click on your name and read, read, read! 😊</p>	<p>Scan Me!</p> 

Week 1 Math

Name: _____

Weekly Homework Sheet (1) Q3

Date: _____

Monday	Tuesday	Wednesday	Thursday																								
<p>What is the place value of the underlined number?</p> <p style="text-align: center; font-size: 1.2em;">4,<u>3</u>82</p>	<p>Round each number to the nearest 10 and 100.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">10</td> <td style="text-align: center;">100</td> </tr> <tr> <td style="text-align: center;">73</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">729</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">407</td> <td></td> <td></td> </tr> </table>		10	100	73			729			407			<p>A number has the digits 4, 3, and 9. To the nearest 100, the number rounds to 400. What is the number?</p>	<p>Round each number to the nearest 10 and 100.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">10</td> <td style="text-align: center;">100</td> </tr> <tr> <td style="text-align: center;">291</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">632</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">817</td> <td></td> <td></td> </tr> </table>		10	100	291			632			817		
	10	100																									
73																											
729																											
407																											
	10	100																									
291																											
632																											
817																											
<p>Find the difference between 703 and 534.</p>	<p>Find the sum of 4,965 and 3,599.</p>	<p>Find the difference between 794 and 438.</p>	<p>Find the sum of 569 and 958.</p>																								
<p>There are 546 trees in the forest. If 148 more are planted, how many trees will there be?</p>	<p>There are 72 markers in the bucket. If Vince wants to split them between 8 containers, how many markers will there be in each container?</p>	<p>Carlos has \$654 in his bank account. He spends \$250 on Christmas presents for his family. How much money does he now have?</p>	<p>Each student has a pencil box with 8 pencils inside. There are 12 students in the group. How many pencils are there total?</p>																								
<p>Find the product</p> <p>10 x 3 = _____ 4 x 4 = _____</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">7</td> <td style="text-align: center;">3</td> <td style="text-align: center;">8</td> </tr> <tr> <td style="text-align: center;">x 7</td> <td style="text-align: center;">x 9</td> <td style="text-align: center;">x 6</td> </tr> </table>	7	3	8	x 7	x 9	x 6	<p>Find the quotient</p> <p>63 ÷ 7 = _____ 40 ÷ 10 = _____</p> <p>36 ÷ 6 = _____ 88 ÷ 11 = _____</p>	<p>Find the product</p> <p>11 x 10 = _____ 9 x 8 = _____</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">7</td> <td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: center;">x 8</td> <td style="text-align: center;">x 5</td> <td style="text-align: center;">x 6</td> </tr> </table>	4	7	4	x 8	x 5	x 6	<p>Find the quotient</p> <p>27 ÷ 3 = _____ 42 ÷ 6 = _____</p> <p>72 ÷ 12 = _____ 28 ÷ 7 = _____</p>												
7	3	8																									
x 7	x 9	x 6																									
4	7	4																									
x 8	x 5	x 6																									
<p>Find the total area.</p> 	<p>What is the area of the shaded region?</p> 	<p>Find the total area.</p> 	<p>Find the area of the square.</p> 																								
<p>Create a pictograph for the data below. Create a key where the picture equals 2 people.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2">Favorite Color</th> </tr> </thead> <tbody> <tr> <td>Red</td> <td>6</td> </tr> <tr> <td>Blue</td> <td>8</td> </tr> <tr> <td>Green</td> <td>5</td> </tr> <tr> <td>Purple</td> <td>7</td> </tr> </tbody> </table> <div style="margin-left: 200px; margin-top: 20px;">  </div>	Favorite Color		Red	6	Blue	8	Green	5	Purple	7	<p>Which color has the most number of people?</p> <p>Which color has the least number of people?</p>	<p>How many more people like purple than green?</p> <p>How many less people like red than blue?</p>															
Favorite Color																											
Red	6																										
Blue	8																										
Green	5																										
Purple	7																										
<p>Color in all the shapes that have 4 sides.</p> 	<p>Draw a line to match the shape to its name.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td>Square</td> </tr> <tr> <td></td> <td>Rectangle</td> </tr> <tr> <td></td> <td>Trapezoid</td> </tr> <tr> <td></td> <td>Rhombus</td> </tr> <tr> <td></td> <td>Parallelogram</td> </tr> </table>		Square		Rectangle		Trapezoid		Rhombus		Parallelogram	<p>Draw a quadrilateral with 4 equal sides.</p> <p>What is the name of this shape? _____</p>	<p>Draw a rhombus. Draw a quadrilateral.</p> <p>How are they alike?</p> <p>Is a rhombus a quadrilateral?</p>														
	Square																										
	Rectangle																										
	Trapezoid																										
	Rhombus																										
	Parallelogram																										

My Work

Monday

Tuesday

Wednesday

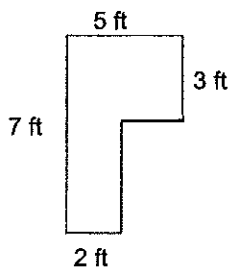
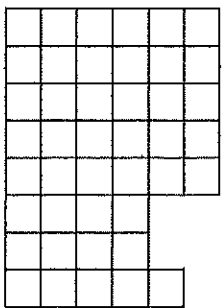
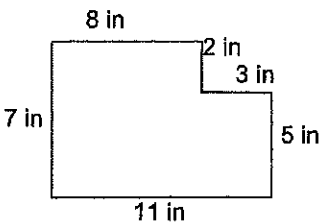

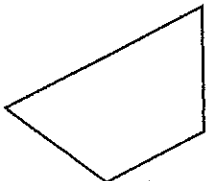
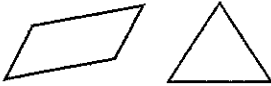
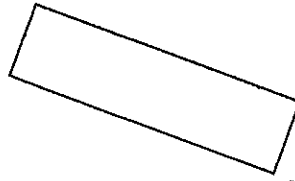





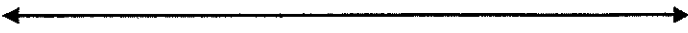


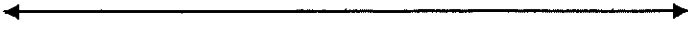
Thursday

Week 2 Math

Name: _____

Weekly Homework Sheet (3) Q3

Date: _____

Monday	Tuesday	Wednesday	Thursday																								
<p>What is the place value of the underlined number?</p> <p style="text-align: center;"><u>4</u>,382</p>	<p>Round each number to the nearest 10 and 100.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">10</td> <td style="text-align: center;">100</td> </tr> <tr> <td style="text-align: center;">27</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">451</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">817</td> <td></td> <td></td> </tr> </table>		10	100	27			451			817			<p>A number has the digits 9, 0, and 4. To the nearest 100, the number rounds to 500. What is the number?</p>	<p>Round each number to the nearest 10 and 100.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">10</td> <td style="text-align: center;">100</td> </tr> <tr> <td style="text-align: center;">93</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">265</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">973</td> <td></td> <td></td> </tr> </table>		10	100	93			265			973		
	10	100																									
27																											
451																											
817																											
	10	100																									
93																											
265																											
973																											
<p>Find the difference between 430 and 144.</p>	<p>Find the sum of 7,555 and 829.</p>	<p>Find the difference between 635 and 276.</p>	<p>Find the sum of 847 and 769.</p>																								
<p>There are 785 evergreen trees in the state park. After a bad storm, 199 trees fell down. How many trees are there now?</p>	<p>Lindsay planted 5 carrot plants in her garden. She grew a total of 30 carrots. If each carrot plant grew the same amount, how many carrots did each plant produce?</p>	<p>A crayon factory made 847 crayons on Monday, and 739 crayons on Tuesday. How many did they make altogether?</p>	<p>Lindsay planted 6 tomato plants in her garden. Each tomato plant grew 7 tomatoes. How many tomatoes does Lindsay have altogether?</p>																								
<p>Find the product</p> <p>$9 \times 12 = \underline{\quad}$ $8 \times 3 = \underline{\quad}$</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">$\begin{array}{r} 7 \\ \times 12 \\ \hline \end{array}$</td> <td style="text-align: center;">$\begin{array}{r} 6 \\ \times 10 \\ \hline \end{array}$</td> <td style="text-align: center;">$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$</td> </tr> </table>	$\begin{array}{r} 7 \\ \times 12 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 10 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$	<p>Find the quotient</p> <p>$81 \div 9 = \underline{\quad}$ $64 \div 8 = \underline{\quad}$</p> <p>$49 \div 7 = \underline{\quad}$ $20 \div 4 = \underline{\quad}$</p>	<p>Find the product</p> <p>$5 \times 7 = \underline{\quad}$ $6 \times 6 = \underline{\quad}$</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">$\begin{array}{r} 3 \\ \times 12 \\ \hline \end{array}$</td> <td style="text-align: center;">$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$</td> <td style="text-align: center;">$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$</td> </tr> </table>	$\begin{array}{r} 3 \\ \times 12 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$	<p>Find the quotient</p> <p>$33 \div 3 = \underline{\quad}$ $24 \div 6 = \underline{\quad}$</p> <p>$48 \div 12 = \underline{\quad}$ $63 \div 7 = \underline{\quad}$</p>																		
$\begin{array}{r} 7 \\ \times 12 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 10 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$																									
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<p>Find the total area.</p> 	<p>What is the area of the figure?</p> 	<p>Find the total area.</p> 	<p>Find the area of the rectangle.</p> 																								
<p>Name the shape.</p> 	<p>Are both shapes quadrilaterals?</p>  <p>Why or why not?</p>	<p>Name the shape.</p> 	<p>Are both shapes quadrilaterals?</p>  <p>Why or why not?</p>																								
<p>What is the fraction of the shaded portion?</p> 	<p>Partition (cut) each shape into 3 equal pieces.</p> 	<p>What is the fraction of the shaded portion?</p> 	<p>Partition (cut) each shape into 8 equal pieces.</p> 																								
<p>MONDAY: Divide the number line into 4 equal pieces.</p> <p>TUESDAY: Label each piece with a fraction.</p> 		<p>WEDNESDAY: Divide the number line into 6 equal pieces.</p> <p>THURSDAY: Label 4/6 on the number line.</p> 																									
<p>MONDAY: Divide the number line into 8 equal pieces.</p> <p>TUESDAY: Label each piece with a fraction.</p> 		<p>WEDNESDAY: Divide the number line into 3 equal pieces.</p> <p>THURSDAY: Label 2/3 on the number line.</p> 																									

My Work

Monday

Tuesday

Wednesday

Thursday

Science

- Complete Chapter 6 "Weather Patterns" by reading each lesson & answering all questions within the lesson.
- Please complete the chapter review and benchmark practice questions at the end of the chapter as well.

Social Studies

- Week 1: Studies Weekly "Types of Maps"
 - Complete all interactive parts within the newspaper.
 - On back of newspaper: Complete the crossword puzzle, mapping & charts, and think & review questions using the information inside of the newspaper.
- Week 2: Studies Weekly "Time"
 - Complete all interactive parts within the newspaper.
 - On back of newspaper: Complete the crossword puzzle and think & review questions using the information inside of the newspaper.

Language Arts

1. Do the following for each reading passage:

- Read the information on the vocabulary words carefully.
- Read the passage carefully.
- Find 5 verbs in the passage and circle them.
- Find 5 nouns in the passage and draw a box around them.
- Find words with a prefix and/or suffix and highlight them.
- Answer and underline evidence for the questions that go along with the passage.

2. Read your AR book for 30 minutes every day.

Math

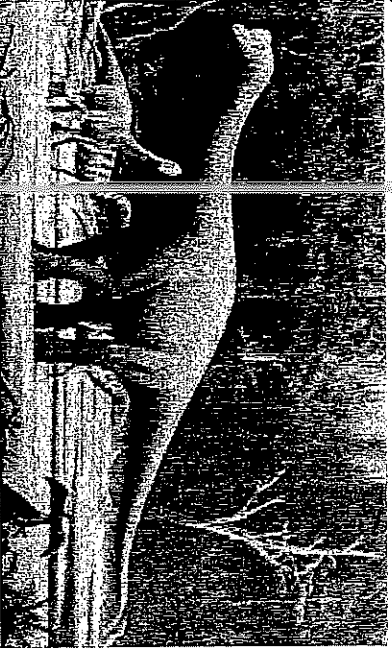
- Week 1: Complete Week 1 math handout. You can show your work on the back.
- Week 2: Complete Week 2 math handout. You can show your work on the back.
- Study all math facts we have learned so far. Multiplication: 5, 2, 4, 8, 3, 6, 9, & 7. Division: 5, 2, 4, 8, 3, & 6.

Dinosaur Discovery

Dinosaurs lived millions of years ago. Scientists recently discovered something new about dinosaurs.

What did they find?

Little Big Dinosaur



wikipedia.org

Europasaurus

Scientists stumbled upon strange-looking dinosaur bones in Germany.

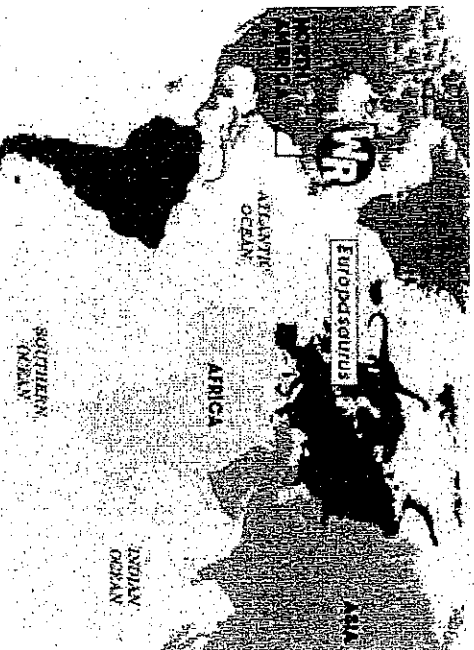
Scientists recently found dinosaur fossils that are unlike any they had seen before. Fossils are remains of plants and animals that lived long ago. This is

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what scientists found:

- The fossils were from a sauropod (SAWR-uh-pahd). Sauropods were tall, plant-eating dinosaurs. The fossils were much smaller than other sauropod fossils.
- The fossils were from a dinosaur that lived on an island in Germany. The dinosaur had little food to eat and little space to roam. It never grew!
- The dinosaur shrank over time to fit on the island. Scientists named their new discovery *Europasaurus* (yoor-oh-pah-SAWR-us).



WR News

Dinosaur Differences

Scientists sometimes group dinosaurs by the food they

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eat.

Herbivores (plant eaters):

- stood on four legs.
- had flat teeth to eat plants.
- slowly grazed for food.

Carnivores (meat eaters):

- stood on two legs.
- had sharp teeth to eat meat.
- moved quickly to catch animals.

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discovery

dis · cov · er · y

Advanced Definition

noun

1. the act of discovering.
2. something that has been discovered.

Spanish cognate

descubrimiento: The Spanish word *descubrimiento* means discovery.

fossil

fos · sil

Advanced Definition

noun

1. the remains or trace of a living organism from an earlier geologic age, embedded in earth or rock.
 2. something or someone that is outdated and cannot accommodate new ideas or practices.
- adjective**
1. of or pertaining to the remains or traces of living organisms of former geologic ages or the earth or rock layers in which such traces are found.

fossil remains

fossil fuel

Spanish cognate

fossil: The Spanish word *fossil* means fossil.

Name: _____

Date: _____

1. On what continent were the strange-looking dinosaur fossils discovered?

2. The table shows several ways in which plant-eating and meat-eating dinosaurs are different. Describe two differences between herbivores and carnivores.

3. Based on the passage, how did the Europasaurus's body change over time? Why did this change occur?

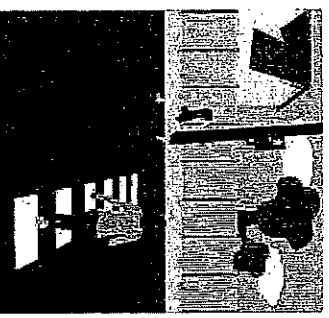
4. What is the central idea of the passage?

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

The Europasaurus didn't have much food to eat or land to roam across, _____ it never grew very large.

- A. so
- B. because
- C. but

6. Which picture shows a location that would be better for animals to graze?



Name: _____ Date: _____

1. The passage contrasts Europasaurus fossils with sauropod fossils. How are Europasaurus fossils different from sauropod fossils?
 - A. The Europasaurus fossils are younger than sauropod fossils.
 - B. The Europasaurus fossils are older than sauropod fossils.
 - C. The Europasaurus fossils are bigger than sauropod fossils.
 - D. The Europasaurus fossils are smaller than sauropod fossils.

2. The passage compares Europasaurus fossils with sauropod fossils. How are Europasaurus fossils and sauropod fossils alike, or the same?
 - A. They were both found on an island in Germany.
 - B. They are both the fossils of dinosaurs.
 - C. They were both found in the continent of Africa.
 - D. They are both the fossils of carnivores.

3. A sauropod
 - A. was tall.
 - B. was an herbivore.
 - C. walked on four feet.
 - D. all of the above.

4. The passage lists the differences between dinosaurs that were herbivores and dinosaurs that were carnivores. What is one difference between these two groups of dinosaurs?
 - A. Herbivores ate plants. Carnivores ate meat.
 - B. Herbivores stood on two legs. Carnivores stood on four legs.
 - C. Herbivores moved quickly to catch animals. Carnivores slowly grazed for food.
 - D. Herbivores had sharp teeth. Carnivores had flat teeth.

Pumpkins Are Popping Up Everywhere!

It's pumpkin season! A pumpkin is a kind of fruit. How big can a pumpkin grow?

Now, That's a Big Pumpkin!

In 2005, pumpkin grower Larry Checkon won the annual Pennsylvania Giant Pumpkin Grower's Association Weigh-Off. His pumpkin weighed 1,469 pounds. That's about as heavy as 25 second graders!

More than 3,000 pumpkins were entered in the contest. After the weigh-off, master carver Scott Cully spent about 10 hours carving the winning pumpkin into a jack-o'-lantern. How big will this year's winning pumpkin be?

Watch a Pumpkin Grow!



Photos.com

Pumpkin seeds are planted in May and June.

Pumpkin Seed: A pumpkin seed is planted.

Pumpkin Sprout: About 10 days later, a tiny plant called a sprout grows.

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Pumpkin Vine: A vine begins to grow. In about four weeks, a yellow flower forms.



Arlene Shaeffer for Weekly Reader

A young pumpkin

Young Pumpkin: A small green pumpkin appears on the stem.



Photos.com

This orange pumpkin is ready to be picked.

Adult Pumpkin: By October, a big orange pumpkin is ready to be picked.

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seed **seed****Definition**

noun

1. the small part of a plant with flowers that grows into a new plant.

*We planted seeds in the garden.***Advanced Definition**

noun

1. the small part of a flowering plant that is capable of growing into a new plant.
2. such parts collectively.
3. a source or beginning of something.

He planted seeds of hope with his speech.

4. human or animal sperm.

transitive verb

1. to sow with seed.

He seeded the ground with corn.

2. to remove seeds from.

She seeded the melon.

3. in sports, to establish the ranking of (teams or players) in a tournament or contest.

intransitive verb

1. to sow seed.

2. to shed seeds.

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

1. Birds and squirrels love sunflower seeds.
2. Many plants start out as small seeds. How does a seed grow?
3. Pumpkins begin as seeds. The seeds are planted in the ground in May and June.

sprout **sprout****Definition**

verb

1. to start to grow.

The buds on the trees sprouted in the spring.

noun

1. a new growth from a seed or root that is eaten as a vegetable.

*She added bean sprouts to the salad.***Advanced Definition**

intransitive verb

1. to start to grow, as a shoot or bud.
2. to send forth one or more shoots or buds.
3. to grow rapidly.

*His children sprouted like weeds.***transitive verb**

1. to grow (something) or cause (something) to grow.

*Do you expect me to sprout wings and fly?**He sprouted the beans in a large jar.*

noun

1. a shoot or bud of a plant.
2. a new growth from a seed, bulb, or rootstock.

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

1. A sprout is a tiny plant.
2. The sprout grows into a vine. A vine is a long stem.
3. About 10 days later, a tiny plant called a sprout grows.
4. After about 10 days, a sprout grows. A sprout is a tiny plant.
5. He felt a knot of anger start to sprout in his chest, he didn't want to have to pack up gear for a trip he was too young to go on.

vine

vine

Advanced Definition

noun

1. a plant having a long, thin, flexible, and woody stem that climbs up a support or creeps along the ground.
2. the stem of such a plant.
3. a plant that bears grapes; grapevine.

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

1. A vine begins to grow. In about four weeks, a yellow flower forms.
2. The sprout grows into a vine. A vine is a long stem. It can grow more than 20 feet long!
3. She shrugged and picked a large red tomato off of a thick vine, and handed it to Mike's mom.
4. High up in the Andes Mountains, the Incas built suspension bridges out of braids of vine and rope.
5. Fruits grow in different ways. Apples grow on trees. Grapes grow on vines. Blueberries grow on bushes.
6. Vines are plants with long stems that twist and turn. Vines can grow along the ground. They can cling to a wall or a fence.
7. It is a huge field of pumpkins. The pumpkins grow on vines. Farmer Jack shows them a perfect pumpkin. "This is the stem," he says. "It is attached to the vine."

Name: _____ Date: _____

1. In what year did Larry Checkon win the prize for the heaviest pumpkin?

2. What are the best months to plant a pumpkin seed?

3. Before a pumpkin is big, ripe, and orange, what does it look like?

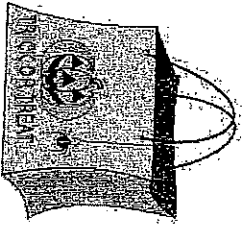
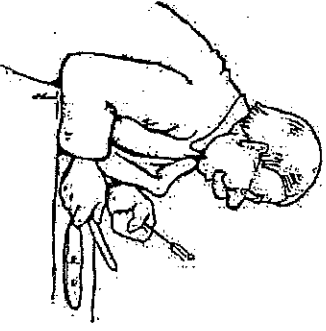
4. What is this passage mostly about?

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

Larry Checkon's prizewinning pumpkin weighed 1,469 pounds, _____ a second-grader wouldn't have been able to lift it on his or her own.

- A. so
- B. but
- C. because

6. Which image represents an annual event?



Name: _____ Date: _____

1. A pumpkin is a _____

- A. vegetable.
- B. fruit.
- C. nut.
- D. none of the above.

2. A pumpkin starts as a _____ and then becomes a sprout.

- A. seed
- B. sprout
- C. vine
- D. young pumpkin

3. After the pumpkin is a vine, it grows a _____

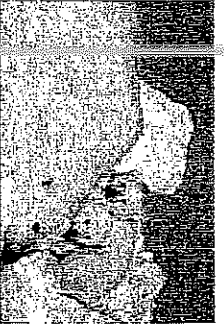
- A. flower.
- B. small pumpkin.
- C. big pumpkin.
- D. none of the above.

4. Before a pumpkin is orange, it is _____

- A. orange.
- B. green.
- C. red.
- D. yellow.

5. Why might pumpkins need plenty of water and sunlight?

A Polar Bear Grows Up



U.S. Fish and Wildlife Service
A polar bear and her cubs.

1. Mother polar bears usually give birth to two cubs in the winter. At birth, the cubs weigh about 1 pound. They cannot see or hear and have a thin coat of hair. The cubs stay in the den.
2. At three months, the polar bear cubs are ready to leave the den. They are still little and stay near their mother's side. The cubs will learn about life in the Arctic.
3. At 1 year to 2 years old, polar bears are very playful. They still stay near their mother. Polar bears learn how to hunt and protect themselves by playing and wrestling with a brother or sister.
4. After about three years, polar bears become adults. Polar bears are then ready to leave their mother and start their own life on the Arctic ice.

arctic

arctic

arctic

Advanced Definition

adjective

1. (often cap.) of or pertaining to the geographic region encompassing the North Pole.

Polar bears live in the Arctic wilderness.

2. characterized by or resembling the severity of weather of the arctic region.

We had arctic temperatures here in Chicago last week.

3. suited for or similar to that which is used or worn in the arctic.

I bought an arctic parka to stay warm this winter.

We have an arctic tent that we use for winter camping.

noun

1. (often cap.) the geographical area enclosed by the Arctic Circle.

Global warming is already causing melting of ice in the Arctic.

Several varieties of moss and lichens grow in the Arctic.

2. (pl.) warm, waterproof outer shoes.

You'll have to get a pair of arctics to stay dry and warm in this weather.

Spanish cognate

ártico: The Spanish word *ártico* means arctic.

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

1. The Arctic is a snowy place.
2. The North Pole is in the Arctic.
3. The Arctic is a place on Earth.
4. Polar bears and seals live in the Arctic.
5. The white snowy owl flies in the Arctic.
6. The weather in the Arctic is very cold.
7. They also spend time in the cold Arctic Ocean.
8. Even the ocean in the Arctic is full of ice!

den den

Advanced Definition

noun

1. the resting place or retreat of a large predatory wild animal, such as a wolf or lion; lair.
 - A female polar bear will dig her den in a snowdrift, and there she will have her cubs.*
2. a place of concealment and shelter, such as a cave.
 - The horse thieves returned to their den.*
3. a dirty, disagreeable place where people live or meet.
 - The suspect's filthy den was found to have photographs of the victim.*
4. an esp. comfortable and informal room used for leisure activities such as reading, listening to music, and watching TV.
 - We like to relax in the den after dinner.*

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

1. Mother raccoons make their dens in a tree.
2. Mother polar bears usually give birth to two cubs in the winter. At birth, the cubs weigh about 1 pound. They cannot see or hear and have a thin coat of hair. The cubs stay in the den.
3. Some animals go to safe places during the coldest parts of the winter to sleep. Those animals are part-time sleepers. They go into dens, logs, and other places. Sometimes they wake up to look for food. Animals such as opossums, skunks, and raccoons are part-time sleepers.

protect pro tect

Definition

verb

1. to defend or keep safe from danger or harm.
 - A fence protects us from our neighbor's dog.*
 - The new law protects workers against certain dangers in factories.*

Advanced Definition

transitive verb

1. to ensure the safety of, shield from danger or harm.
 - A mother bear may attack to protect her young.*
 - The levee was built to protect the city from flooding.*
 - War will protect the car's finish.*
2. in economics, to guard the secure growth of (an industry) by means of tariffs on competing goods from other countries.
 - The government took steps to protect the food industry.*

intransitive verb

1. to provide or be capable of providing a shield against danger or harm.

Spanish cognate

protector: The Spanish word *protector* means protect.

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

1. The skin plays many important roles. It acts as a barrier and helps protect the body from disease.
2. The dam protects the farms from floods and salt water that might travel down the river from San Francisco Bay.
3. It was very important that all of the animals in the jungle knew what the others' preferred foods were, so that they could protect themselves.

4. Efforts are being made to help protect horseshoe crabs. Scientists warn it will take 20 to 30 years to see if the horseshoe crab population has increased.
5. Hard shells protect turtles. A predator cannot bite the hard shell. Some turtles can pull their legs inside their shells. They can pull in their heads and tails too.
6. A clownfish has scales on its body. This fish sleeps in the branches of a poisonous plant. The plant helps protect the fish at night. The clownfish eats small plants.
7. Some ants are soldiers. Their job is to protect the nest. They stand near the nest's entrance and guard it. They fight off enemy insects that try to enter the nest.
8. Klimley says that at least seven kinds of sharks are endangered. The number of those sharks has dropped in the past ten years. Klimley hopes that people will help protect sharks.
9. In 1960, the land was made a protected area for animals and plants. But now [2001], President George W. Bush wants to allow companies to begin drilling for oil in the ANWR.
10. Pain is pretty unpleasant when it happens, but think about it this way: pain protects us. When we sense pain, we know that we should stop whatever it is we're doing, because it hurts.

Name: _____ Date: _____

1. Describe a newborn polar bear.

2. How long do baby polar bears stay in their den?

3. What happens to polar bears after step 3 in the passage?

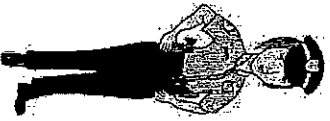
4. What is this passage mostly about?

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

Polar bears become adults after three years; _____ they grow up faster than humans do.

- A. because
- B. but
- C. so

6. Which person is trained to protect people when they're in danger?



Name: _____ Date: _____

1. A den is

- A. a formation of ice.
- B. an area of cold water.
- C. a place where polar bears live.
- D. a father polar bear.

2. Before the cubs can live by themselves, they _____.

- A. stay with their mother to learn about Arctic life.
- B. stay with their father to learn about Arctic life
- C. travel to far off places in the Arctic.
- D. hunt and catch their own food.

3. Which sentence uses the word *Arctic* correctly?

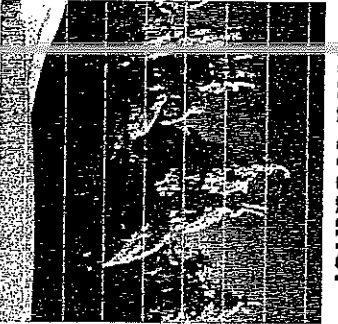
- A. Polar bears grow up eating bits of frozen *Arctic*.
- B. It is difficult to live in the *Arctic* because you need to stay warm and find plenty of food.
- C. Many *Arctic* hunt polar bears and use their fur for warmth.
- D. Some people are worried for polar bears because an *Arctic* can happen at any time.

4. In this passage what does it mean when the author says that polar bears learn to hunt by playing with their brothers and sisters?

- A. By "wrestling" with family, polar bears are getting exercise and are learning to fight other animals.
- B. One day, the polar bear might need to fight their brothers and sisters, so they are practicing now.
- C. Playing with brothers and sisters teaches a polar bear teamwork and how to get along with others.
- D. all of the above.

5. In this passage, what did you learn about cubs? What are they? Describe them.

Wild Weather



fotoStock/Superstock

Blizzard

March is filled with many different types of weather. Weather is the condition of the outside air. Tornadoes are one type of weather. Tornado winds can reach 300 miles per hour. That's as fast as some airplanes can fly. Keep reading for answers to some common questions about weather.

The Truth About Weather

There is a science behind every kind of weather. Uncover some interesting weather facts.

Why do clouds sometimes look as if they are on the ground instead of in the sky?

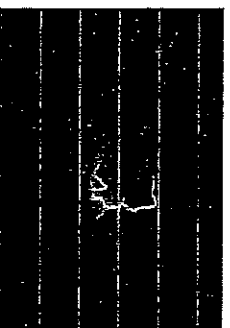
Sometimes clouds form near the ground. That is called fog. Both fog and clouds are made up of tiny drops of water that hang in the air. Fog forms over the Golden Gate Bridge in San Francisco, California.

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What is a blizzard?

A blizzard is a winter storm with strong winds. The wind blows the snow so that it is hard to see. Most blizzards last at least three hours.

Which comes first, thunder or lightning?



photos.com

Lightning

Thunder and lightning happen at the same time. As lightning strikes, it heats the air around it. That causes the air to expand. When the air expands, we hear a loud crash called thunder. The sound reaches us after we have seen the lightning.

How does rain make a rainbow?

Rainbows appear when sunlight passes through raindrops in the sky. As the light passes through, it is broken up into seven colors: red, orange, yellow, green, blue, indigo, and violet.

Cloud Coverage

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Name: _____ Date: _____

1. Thunder is caused by

- A. expanding air.
- B. a loud noise.
- C. a bright light.
- D. rain.

2. The following clouds do not indicate a dangerous storm:

- A. cirrus, stratus and cumulonimbus.
- B. stratus, cumulonimbus and cumulus.
- C. cumulus, stratus and cirrus.
- D. cumulonimbus, cumulus and stratus.

3. _____ is caused by light shining through raindrops.

- A. A tornado
- B. Lightning
- C. A rainbow
- D. A cirrus cloud

4. Weather happens because of

- A. changes in the air.
- B. changes in the temperature.
- C. changes in the seasons.
- D. all of the above.

5. Describe the setting during a thunderstorm.

SURVIVE

SUR · VIVE

Definition
verb

1. to continue to live after something very dangerous has happened.

The plane crashed, but many passengers survived.

2. to continue to live and grow or continue to exist.

This kind of plant can survive in the desert.

These wonderful paintings have survived for centuries.

Advanced Definition

Intransitive verb

1. to continue to live despite serious immediate threat to one's life.

They were trapped in a cave for days, and it's a miracle that they survived.

Only a few of the passengers survived when the plane went down.

2. to sustain life or remain in existence or use.

These adaptations allow the plant to survive in the desert.

Only a few of the artist's later paintings survive.

This method of dyeing fabric still survives.

3. to continue to live following the death of another.

The deceased's wife and two children are surviving.

transitive verb

1. to live or continue beyond or in spite of.

She survived serious illness last winter.

Two of the teenagers survived the car crash.

Parts of the building survived the fire.

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Name: _____ Date: _____

1. What are the names of four animals that live in or near caves?

2. What word does the author use to describe how rat snakes move? Why might the author have chosen this word?

3. According to the passage, what do millipedes use their many legs for?

4. What is this passage mostly about?

A Clean Park

Tyler ran into the kitchen. "Mom, I'm going to the park!" he said. "Wear your helmet!" his mom called back. The park was just down the street. Tyler grabbed his bike and rode there. It was pretty much his favorite place to go. The park looked pretty crowded. Some kids were playing. But other kids held garbage bags. They were picking up trash.

Tyler stopped his bike. One of the kids was Lauren, a girl from his school. She waved at Tyler. "We're cleaning up the park today," she said. "Want to help?" "No thanks," Tyler said. Today was Saturday, a day off. He came to the park to have fun, not to work!

Tyler rode his bike around the path. He passed the swings and slide. He passed the small pond. As he rode, he saw things he never noticed before. There was lots of garbage on the ground. He saw old soda bottles. He saw old food wrappers. It was pretty gross.

Tyler rode back to Lauren. He got off his bike. "I'll help," he said. Lauren smiled. "Here," she said. She gave him a bag. Tyler and the kids cleaned for about an hour. When they were done, the park looked great. Tyler rode his bike around the path again. There were no old soda bottles. There were no old food wrappers. Tyler smiled. Now the park was better than ever!

path

path

Definition

noun

1. a narrow road or way.

We walked on a path through the woods.

The town is making a bicycle path around the park.

Advanced Definition

noun

1. a track beaten by the feet of people or animals.
2. a generally narrow road or way.

a bicycle path.

3. a course along which something travels.

the path of a storm.

4. a course of conduct.

the path to political freedom.

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

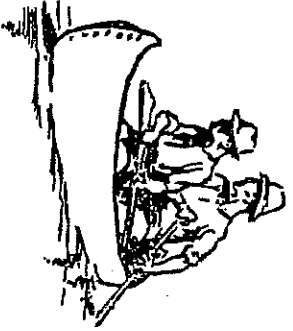
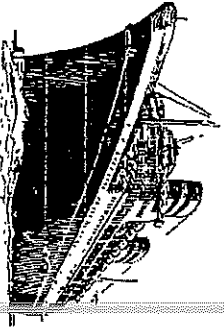
1. Jenny looked at the paths ahead. One way went toward the pond. One way went back to the farm.
2. They get on their bikes and ride home along the bike path. The wind is in their hair, and it feels like they are flying.
3. Julie kept walking. She was trying to remember the path out of the park. It was so long ago. She didn't know if she could find her way back.
4. Tamara looked at the trail. It was a dirt path and went into the forest. Tall trees and tiny flowers lined both sides of the path. Tamara, her mother, and her brother began to walk.
5. Most bats eat insects. How does a bat find an insect in the dark? The bat makes sounds. The sounds bounce off an insect in the bat's path. The sounds return to the bat. That lets the bat know where to find the insect and how big it is.
6. On every side of the trail were trees. They were so tall they blocked out the light. When she looked up she could see only a few bits of blue. Ahead, branches almost blocked the trail. The trail was nothing more than a narrow path. The ground was hard and rough.

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

Tyler changes his mind about helping Lauren _____ he realizes how gross the park is.

- A. because
- B. so
- C. but

6. Which is easier to notice out in the ocean?



Name: _____

Date: _____

1. The theme of this passage is _____

- A. changing your mind.
- B. friendship.
- C. having fun.
- D. helping in your community.

2. Which detail does not support the theme?

- A. Lauren was picking up trash.
- B. Tyler noticed trash on the ground.
- C. Tyler rode his bike.
- D. Tyler thought the park looked better.

3. What can readers learn from this story?

- A. It feels good to keep your community clean.
- B. It is important to listen to your friends.
- C. Helping your friends is the right thing to do.
- D. Saturday is a day for work.

4. Lauren seems _____

- A. mean.
- B. bossy.
- C. responsible.
- D. smart.

5. What were the problem and solution in this story?
