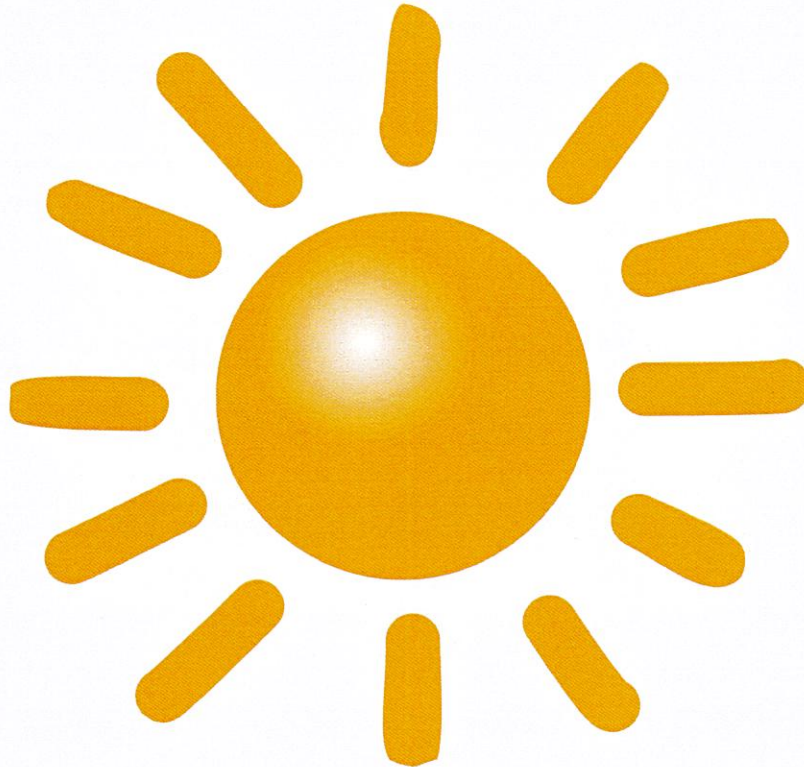Name_____

Summer Resource Assignments

Incoming 5th Grade

ELA & Math Skills Review

Due on the 1st day of school

PS: Don't forget to complete your novel assignments as well!

WEEK 1
SUMMER PRACTICE

Number Sentences

1. Andrew is twice as old as his brother, Josh. Which equation could be used to figure out Andrew's age if Josh's age, n, is unknown?

- (A) $a = n + 2$
- (B) $a = n \div 2$
- (C) $n = a + 2$
- (D) $a = 2 \times n$

2. Mandy bought 28 marbles. She wants to give the same number of marbles to each of her four friends. What equation or number sentence would she use to find the number of marbles each friend will get?

- (A) $28 - 4 = n$
- (B) $28 \div 4 = n$
- (C) $28 + 4 = n$
- (D) $28 - 4 = n$

3. What number does n represent?
$3 + 6 + n = 22$

- (A) $n = 9$
- (B) $n = 13$
- (C) $n = 18$
- (D) $n = 31$

4. Write an equation to show how many crayons are below.

___ × ___ = ___ crayons

Read the story below and answer the questions that follow.

"The Elephant Who Saw the World . . .," Mary started speaking. It was Friday, and the students had to share their creative writing stories of the week.

Mary loved writing, and this was her favorite part of the week, when they were able to make up stories for creative writing. She enjoyed it so much that she became really good at it. Even at home on the weekends when she didn't have much homework, she would sit in her room for hours and create stories to share with her friends and family. Her parents always supported her and were her biggest fans.

However, there was one part about every Friday at school that Mary did not enjoy, and that was when she had to share her story in front of the class. The teacher made all of the children share on Friday afternoons, and this made Mary very nervous. She was shy, and although she knew her teacher was right, she didn't like it.

Sitting and listening to the other children, Mary heard her name called. It was her turn to share. She got out of her seat slowly, walked to the front of the room and began.

5. What is the title of Mary's story?

Ⓐ The Elephant Who Liked Candy
Ⓑ The Elephant Who Saw the World
Ⓒ The Elephant Who Wanted to See the World
Ⓓ The Girl who Hated Writing

6. What didn't Mary like doing?

Ⓐ Writing stories
Ⓑ Having her stories corrected by the teacher
Ⓒ Reading her stories in front of the class
Ⓓ Going to school

7. Why was Mary reading her story in front of the class?

Ⓐ It was something she loved to do.
Ⓑ Her classmates asked her to.
Ⓒ Every Friday the children had to share their creative writing stories.
Ⓓ Her parents wanted her to.

Read the story below and answer the questions that follow.

Before we knew it, it was daylight again. Mom was hustling us out of bed and into the kitchen for breakfast. She said to eat hearty as we had many more miles to go before we reached our final destination. So thankful that my grandmother cooked her best oatmeal for us topped with cinnamon, brown sugar, strawberries, and whipped cream! Who could ask for anything more? Yummy!!

Then it was load back into the car and get on the road. This time Mom found an oldies radio station and she was singing along with Patsy Cline, Tennessee Ernie Ford, and Frank Sinatra. Talk about strange music that none of us knew except her! Valerie and I played a game of travel trivia which was sort of fun and of course, Daniel, was back on his video games!

For lunch we stopped at a roadside park and had the sandwiches our grandmother had packed for us along with an apple and sweet iced tea. When we got back on the road, not a sound could be heard. I figured out later that all of us kids had fallen asleep.

A loud bang awoke us as Mom clapped her hands and proclaimed our arrival to the Holiday Inn at Disneyworld! I could not tell you who was the most excited as we were all yelling sounds of glee and running around the car to get our luggage out. Mom registered us for our room and we were giggling uncontrollably.

8. How did the author's mom wake the kids once she arrived at the hotel? Write your answer in the box below.

There are four boxes of pears. Each box has 24 pears. How many pears are there total?

Ⓐ 72 pears
Ⓑ 48 pears
Ⓒ 96 pears
Ⓓ 88 pears

Trevor has a collection of 450 baseball cards. He wants to place them into an album. He can fit 15 baseball cards on each page. How can Trevor figure out how many pages he will need to fit in all of his cards?

Ⓐ By adding 450 and 15
Ⓑ By subtracting 15 from 450
Ⓒ By multiplying 450 by 15
Ⓓ By dividing 450 by 15

Bow Wow Pet Shop has 12 dogs. Each dog had 4 puppies. How many puppies does the shop have in all?

Ⓐ 16 puppies
Ⓑ 12 puppies
Ⓒ 48 puppies
Ⓓ 36 puppies

Charlie has $938. He wants to buy gifts for his 15 family members. He wants to spend the same amount of money (in dollars) for each person. With the remaining money, he buys a pen worth $3. How much money will he have left over after his purchases? Write your answer in the box below.

Read the poem below and answer the questions that follow.

I found a shell, a curly one;
Lying on the sand.
I picked it up and took it home,
Held tightly in my hand.
Mommy looked at it and then,
She held it to my ear,
And from the shell there came a song
Soft and sweet and clear.
I was surprised, I listened hard,
And it was really true:
If you can find a nice big shell,
You'll hear the singing too.

–Unknown

5. Why was the poet surprised?

Ⓐ She found a curly shell on the beach.
Ⓑ Her mother put it to her ear.
Ⓒ She didn't expect to hear a song from the shell.
Ⓓ She was frightened of the shell.

Alexander the Great

Read the story below and answer the questions that follow.

Nearly two thousand five hundred years ago, there lived a king called Alexander the Great. He was the son of Philip II of Macedonia. When prince Alexander was a boy, a magnificent horse that was for sale was brought to the court of his father. The animal was to be sold for thirteen talents. Talents are ancient coins. Many were eager to buy the horse, but no one could get close enough to saddle the restless animal. He was wild and impossible to ride.

Alexander pleaded with his father to let him try. Realizing that the horse was terrified of its own shadow, he turned the horse towards the sun so that its shadow fell behind it. This calmed the horse, and the prince proudly rode away. Observing this, his father said, "My son, look for a kingdom worthy of your greatness. Macedonia is too small for you."

That is exactly what Alexander tried to do when he grew up. He fought many battles and always rode Bucephalus (that was the horse's name.) Friendship and trust grew between the man and his horse. When Bucephalus died of wounds received in battle, Alexander was heartbroken and deeply mourned the loss of his horse.

6. According to the passage, why do you think the horse was unrideable and wild?

Ⓐ because it was angry
Ⓑ because it was hungry
Ⓒ because it was scared
Ⓓ because it was good at riding

Read the paragraph below and answer the questions that follow.

Cindy's mom called her to supper. When Cindy arrived in the kitchen, she looked at the food on the stove and made a face. She looked in the freezer and saw a frozen pizza and asked her mom if she could cook it instead.

7. What can you infer from Cindy's actions?

Ⓐ That she was excited about what her mother had cooked
Ⓑ She was not very hungry for dinner.
Ⓒ She didn't think the meal was ready.
Ⓓ She didn't like what her mother cooked for dinner.

The Wolf and the Lamb

Read the story below and answer the questions that follow.

A Wolf, meeting with a Lamb astray from the fold, resolved not to lay violent hands on him, but to find some plea, which should justify to the Lamb himself his right to eat him. He then addressed him: "Sirrah, last year you grossly insulted me." "Indeed," bleated the Lamb in a mournful tone of voice, "I was not then born." Then said the Wolf: "You feed in my pasture." "No, good sir," replied the Lamb, "I have not yet tasted grass." Again said the Wolf: "You drink from my well." "No," exclaimed the Lamb, "I never yet drank water, for as yet my mother's milk is both food and drink to me." On which the Wolf seized him, and ate him up, saying: "Well! I won't remain supperless, even though you refute every one of my imputations."The tyrant will always find a pretext for his tyranny, and it is useless for the innocent to try by reasoning to get justice, when the oppressor intends to be unjust.

8. What was the wolf trying to do when he wanted to eat the lamb?

Ⓐ Justify his pleasure.
Ⓑ Prove he was stronger.
Ⓒ Not eat the lamb.
Ⓓ All of the above.

1. Kristian purchased four textbooks which cost $34.99 each, and a backpack that cost $19.98. Estimate the total cost of the items he purchased. (You do not need to consider tax.)

Ⓐ $90.00
Ⓑ $160.00
Ⓒ $120.00
Ⓓ $55.00

2. During the last three games of the season, the attendance at the Tigers' home games was 14,667, 16,992, and 18,124. Estimate the total attendance for these three games. Round to the nearest thousand.

Ⓐ 60,000
Ⓑ 45,000
Ⓒ 50,000
Ⓓ 47,000

3. Steven keeps his baseball cards in an album. He has filled 147 pages of the album. He can fit 9 cards on each page. Which of the following statements is true?

Ⓐ Steven has more than 2,000 baseball cards.
Ⓑ Steven has between 1,000 and 1,500 baseball cards.
Ⓒ Steven has between 1,500 and 2,000 baseball cards.
Ⓓ Steven has less than 1,000 baseball cards.

4. Charlie sells paintings. He charges 35 dollars for a large painting and m dollars for a small painting. He sold 8 large paintings and 6 small paintings and earned $412. How much did he charge for each small painting? Write your answer in the box below.

Fred Goes to the Dentist

Read the story below and answer the questions that follow.

Fred had never been to the dentist. All of his life he had heard horror stories about the buzzing drills, the huge needles, and the scary tools that the dentist used to torture his patients. Since none of his teeth were hurting, Fred just couldn't understand why his mom was insisting on taking him to the dentist. She told him that it was important to visit the dentist each year to have his teeth checked and cleaned. This seemed silly to Fred because he cleaned his teeth everyday by brushing and flossing them, but nothing would change his mother's mind. He found it hard to believe that she would think it was a good idea to take him somewhere to be tortured. However, he had no choice but to go.

On the way to the dentist, Fred's imagination went wild. He pictured walking into a room with a huge chair that the dentist would strap him to. He could just see the dentist pulling out a huge drill and drilling his tooth while his mother and several others held him in the chair. By the time he got to the dentist's office, he was shaking all over.

Surprisingly, the office was nothing like he expected. The dentist was friendly, and the chair was comfortable. It didn't have any straps. He looked around the room and didn't see any huge drills or torture devices. He was relieved when all the dentist did was look in his mouth, show him how to properly brush and floss his teeth, and give him a balloon. His mom made another appointment to have his teeth cleaned in six months. Maybe this wouldn't be as bad as he had thought it would be.

5. What is the theme of the passage?

Ⓐ Dentists are good people so don't worry about seeing them.
Ⓑ Moms usually know best so trust them.
Ⓒ Things are usually not as bad as you think they will be.
Ⓓ An imagination is good but it can make things seem scary sometimes.

Read the passage below and answer the questions that follow.

Opal walked into the store not wanting to do what she had planned. She knew when she took the makeup without paying for it that it was wrong. She felt so guilty. She knew she couldn't keep the makeup. So, gathering up all of her courage, she walked over to the security officer and confessed what she had done. He admonished her for shoplifting but let her off with a warning because she had been honest. She felt very relieved.

6. What is the theme of the above passage?

Ⓐ The unknown can be scary.
Ⓑ It is best to be honest.
Ⓒ Don't cry over spilled milk.
Ⓓ Mom knows best.

Read the story below and answer the questions that follow.

Libby's grandmother didn't have much money, so she couldn't buy Libby an expensive present for Christmas like her other grandmother could. She didn't want to buy her a cheap toy that wouldn't last long, but she just couldn't afford the things that were on Libby's wish list. She decided to make Libby a quilt. She was concerned that her granddaughter wouldn't like the gift, but it was the best that she could do.

When Christmas day arrived, Grandmother went to Libby's house. She saw all of the nice gifts that her granddaughter had received. She was worried as Libby began to open her present. Libby squealed with delight when she saw the handmade quilt. She ran and hugged her grandmother and thanked her. She ran and put the new quilt on her bed. The rest of the day she talked about how much she loved the quilt, especially since her grandmother had made it all by hand.

7. What is the theme of the above passage?

Ⓐ It is not the cost of the gift that matters but the thought and love put into it.
Ⓑ Expensive gifts are better than homemade ones.
Ⓒ Homemade gifts are as good as expensive toys.
Ⓓ Good manners have positive results.

Read the poem below and answer the questions that follow.

I found a shell, a curly one;
Lying on the sand.
I picked it up and took it home,
Held tightly in my hand.

Mommy looked at it and then,
She held it to my ear,
And from the shell there came a song
Soft and sweet and clear.

I was surprised, I listened hard,
And it was really true:
If you can find a nice big shell,
You'll hear the singing too.

–Unknown

8. Choose the most appropriate title for this poem.

Ⓐ The Singing Shell
Ⓑ The Song
Ⓒ Sea Shells
Ⓓ Sea Shell Song

DAY 3

CHALLENGE YOURSELF!

✓ Multi-Step Problems
✓ Finding the Theme

🌐 www.lumoslearning.com/a/dc4-3
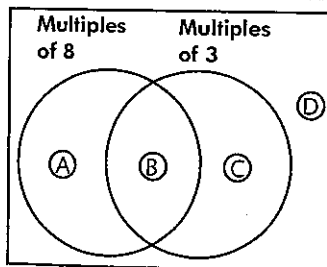
See the first page for Signup details

1. Andrew has a chart containing the numbers 1 through 100. He is going to put an "X" on all of the multiples of 10 and a circle around all of the multiples of 4. How many numbers will have an "X", but will not be circled?

Ⓐ 3
Ⓑ 4
Ⓒ 5
Ⓓ 8

2. Which number is a multiple of 30?

Ⓐ 3
Ⓑ 6
Ⓒ 60
Ⓓ 50

3. Use the Venn diagram below to respond to the following question. In which region of the diagram would the number 72 be found?

Ⓐ Region A
Ⓑ Region B
Ⓒ Region C
Ⓓ Region D

4. Charlie has a chart containing the numbers 1 through 100. He is going to put an "X" on all of the multiples of 6 and a circle around all of the multiples of 8. Which of the following statements are correct? Choose all the correct answers.

Ⓐ 12 numbers are circled.
Ⓑ 9 numbers are circled but do not have X on them.
Ⓒ 4 numbers are circled and also have X on them.
Ⓓ 12 numbers have X on them but are not circled.

Read the passage below and answer the questions that follow.

Mary walked quietly through the house so that she would not wake her parents. Before entering the kitchen, she stood and listened. She wanted to make sure that nobody had heard her and woken up. She slowly opened the cabinet door, trying to make sure that it didn't squeak. As Mary reached into the cabinet, something warm and furry touched her hand. Mary ran from the kitchen screaming loudly. Her father ran in to see what had happened. He started laughing when he saw their cat Purr Purr sitting quietly in the kitchen cabinet wagging her tail.

5. Choose the best summary of the above text.

Ⓐ Mary went to the kitchen. She stopped and listened. She opened the cabinet. She screamed. Her dad laughed.

Ⓑ Mary snuck quietly into the kitchen. When she opened the cabinet, something touched her hand and made her scream. Her dad came to help and discovered it was their cat in the cabinet.

Ⓒ The cat hid in the cabinet and scared Mary when she reached into it.

Ⓓ Mary walked into the kitchen after listening to make sure that nobody heard her. She opened the cabinet slowly and felt something touch her. She ran away screaming. She didn't know that it was her cat Purr Purr.

Read the passage below and answer the questions that follow.

I was so scared when I first learned that I would be having my tooth pulled. I didn't sleep at all the night before the procedure. I was terrified that it would hurt more than I could tolerate. I was shaking when I sat in the dentist's chair. He promised me that it would not hurt, but I certainly had my doubts. The dentist gave me some medicine. When I awoke, my tooth was gone, and I didn't remember a thing.

6. Choose the best summary of the above text.

Ⓐ The writer was scared about having to have a tooth pulled and thought it would hurt. The dentist gave her medicine, and she didn't feel it when her tooth was pulled.

Ⓑ The writer was scared. She got her tooth pulled. The dentist gave her medicine.

Ⓒ The dentist gave the writer some medicine so that it wouldn't hurt when her tooth was pulled.

Ⓓ The writer was scared about having her tooth pulled. She didn't sleep the night before. She was terrified. She was shaking. The dentist gave her medicine. She didn't feel a thing when he pulled her tooth.

**Read the passage below and answer the questions that follow.**

Huckleberry Hound ran through the yard and into the field next to his house. Suddenly, he put his nose to the ground and started sniffing as he walked. Yep, he definitely smelled a rabbit. He raised his head and howled loudly to let the other dogs know what he had found. Then, he shot after the rabbit like a bolt of lightning. He chased the rabbit for what seemed like hours, but he never caught it. He returned to his yard with his head hanging and his tail tucked between his legs.

7. Choose the best summary of the above text.

Ⓐ Huckleberry Hound smelled a rabbit. He chased it for a long time, but never caught it.
Ⓑ Huckleberry Hound smelled a rabbit. He ran across the yard to the field. He howled so the other dogs would know he found a rabbit. He shot after the rabbit and chased it for a long time. He didn't catch the rabbit. He went home with his head hung down.
Ⓒ Huckleberry Hound chased a rabbit.
Ⓓ Huckleberry Hound smelled a rabbit. He put his nose to the ground and followed its trail. He definitely smelled a rabbit. He chased it for a long time. He let the other dogs know he had found a rabbit. He didn't catch the rabbit.

Sam Walton

Read the passage below and answer the questions that follow.
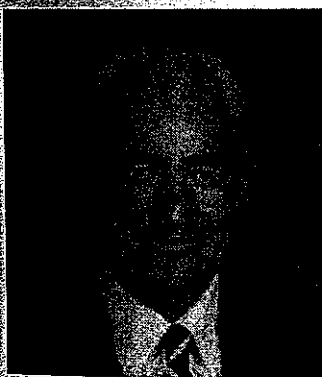
Sam Walton (1918-1992) founded Walmart and Sam's Club. He opened the first Wal-Mart Discount City in 1962 after having several franchise Ben Franklin stores. His main effort was to market American made products. Although after his death, this practice was not continued. He placed his stores close to distribution centers, thereby having stores in multiple areas, not just in major cities.

He was listed as the richest man in the US from 1982 to 1988. Walmart and Sam's Club stores operate in the US and in 15 other countries including, Canada, Japan, Mexico, and the UK.

8. Sam Walton tried to do which of the following with his stores?

Ⓐ He tried to offer US made products in his chain of stores to help promote US made products and to help the country thrive.
Ⓑ Walton tried to have more stores than any other chain of discount stores.
Ⓒ Sam Walton offered his employees many days off and was never open on a holiday.
Ⓓ Sam Walton made sure that all of his stores were in major cities.

DAY 4

CHALLENGE YOURSELF!

✔ Number Theory
✔ Summarizing the Text

🌐 www.lumoslearning.com/a/dc4-4

See the first page for Signup details

1. Which of the following is not a true statement about the number sequence below?
26, 39, 52, 65, 78, 91

Ⓐ The numbers are decreasing by 13.
Ⓑ The sequence contains both even and odd numbers.
Ⓒ The numbers are increasing by 13.
Ⓓ The numbers are all multiples of 13.

2. What would be the next three numbers in this pattern?
14, 21, 28, 35

Ⓐ 42, 50, 58
Ⓑ 42, 49, 56
Ⓒ 42, 49, 58
Ⓓ 42, 48, 54

3. Which of the following is not true of this pattern?
125,000; 150,000; 175,000; 200,000; 225,000

Ⓐ The numbers are not descending.
Ⓑ The numbers are all even.
Ⓒ The numbers are increasing by 25,000.
Ⓓ The numbers are all multiples of 50,000.

4. Find the rule for this IN-OUT table.

IN	OUT
72	8
63	7
45	5

Ⓐ Divide by 8
Ⓑ Subtract by 56
Ⓒ Subtract by 64
Ⓓ Divide by 9

Timothy

Read the story below and answer the questions that follow.

Timothy is a student at my school. He is well-liked by all of the teachers and students. We all know that we can count on Timothy to keep our secrets, to help us if we ask, and to always be on time. We know that he is always honest and expects others to be honest as well.

Last summer, Timothy got a job walking dogs each morning. When school started this year, everyone encouraged him to quit his job, but he decided to keep it. He knew it would be hard to get up every morning at 5 a.m. in order to get all of the dogs walked and then go to school all day. Additionally, he planned to sing in the chorus, play basketball, and be a mentor in the tutoring program this year. He knows it will not be easy, but he thinks his hard work will be worth it. He is trying to save enough money to go to a youth camp next summer.

According to the above passage, which set of adjectives would you choose to describe Timothy?

Ⓐ responsible and depressed
Ⓑ trustworthy and thoughtless
Ⓒ responsible and ambitious
Ⓓ arrogant and unfriendly

Based on the above passage, what do you think Timothy would do if someone asked him to help them cheat on a test?

Ⓐ He would help them cheat but ask them not to tell anyone.
Ⓑ He would tell them that cheating is dishonest and encourage them not to do it.
Ⓒ He might help them cheat because he doesn't want them to make a bad grade.
Ⓓ He might tell them to ask someone else to help them cheat.

Read the story below and answer the questions that follow.

Fred had never been to the dentist. All of his life he had heard horror stories about the buzzing drills, the huge needles, and the scary tools that the dentist used to torture his patients. Since none of his teeth were hurting, Fred just couldn't understand why his mom was insisting on taking him to the dentist. She told him that it was important to visit the dentist each year to have his teeth checked and cleaned. This seemed silly to Fred because he cleaned his teeth everyday by brushing and flossing them, but nothing would change his mother's mind. He found it hard to believe that she would think it was a good idea to take him somewhere to be tortured. However, he had no choice but to go.

On the way to the dentist, Fred's imagination went wild. He pictured walking into a room with a huge chair that the dentist would strap him to. He could just see the dentist pulling out a huge drill and drilling his tooth while his mother and several others held him in the chair. By the time he got to the dentist's office, he was shaking all over.

Surprisingly, the office was nothing like he expected. The dentist was friendly, and the chair was comfortable. It didn't have any straps. He looked around the room and didn't see any huge drills or torture devices. He was relieved when all the dentist did was look in his mouth, show him how to properly brush and floss his teeth, and give him a balloon. His mom made another appointment to have his teeth cleaned in six months. Maybe this wouldn't be as bad as he had thought it would be.

7. Based on the passage, how do you think Fred felt about going to his first visit to the dentist?

- Ⓐ He was excited and looked forward to it.
- Ⓑ He was afraid and didn't understand the reason he had to go.
- Ⓒ He was afraid but wanted to go and see the drills.
- Ⓓ He felt shy about meeting the dentist.

Read the story below and answer the questions that follow.

When Mary Lennox was sent to Misselthwaite Manor to live with her uncle everybody said she was the most disagreeable-looking child ever seen. It was true, too. She had a little thin face and a little thin body, thin light hair and a sour expression. Her hair was yellow, and her face was yellow because she had been born in India and had always been ill in one way or another. Her father had held a position under the English Government and had always been busy and ill himself, and her mother had been a great beauty who cared only to go to parties and amuse herself with gay people. She had not wanted a little girl at all, and when Mary was born she handed her over to the care of an Ayah, who was made to understand that if she wished to please the Mem Sahib she must keep the child out of sight as much as possible. So when she was a sickly, fretful, ugly little baby she was kept out of the way, and when she became a sickly, fretful, toddling thing she was kept out of the way also. She never remembered seeing familiarly anything but the dark faces of her Ayah and the other native servants, and as they always obeyed her and gave her her own way in everything, because the Mem Sahib would be angry if she was disturbed by her crying, by the time she was six years old she was as tyrannical and selfish a little pig as ever lived. The young English governess who came to teach her to read and write disliked her so much that she gave up her place in three months, and when other governesses came to try to fill it they always went away in a shorter time than the first one. So if Mary had not chosen to really want to know how to read books she would never have learned her letters at all.

One frightfully hot morning, when she was about nine years old, she awakened feeling very cross, and she became crosser still when she saw that the servant who stood by her bedside was not her Ayah.

"Why did you come?" she said to the strange woman. "I will not let you stay. Send my Ayah to me."

The woman looked frightened, but she only stammered that the Ayah could not come and when Mary threw herself into a passion and beat and kicked her, she looked only more frightened and repeated that it was not possible for the Ayah to come to Missie Sahib.

There was something mysterious in the air that morning. Nothing was done in its regular order and several of the native servants seemed missing, while those whom Mary saw slunk or hurried about with ashy and scared faces. But no one would tell her anything and her Ayah did not come. She was actually left alone as the morning went on, and at last she wandered out into the garden and began to play by herself under a tree near the veranda. She pretended that she was making a flower-bed, and she stuck big scarlet hibiscus blossoms into little heaps of earth, all the time growing more and more angry and muttering to herself the things she would say and the names she would call Saidie when she returned.

"Pig! Pig! Daughter of Pigs!" she said, because to call a native a pig is the worst insult of all.

She was grinding her teeth and saying this over and over again when she heard her mother come out on the veranda with some one. She was with a fair young man and they stood talking together in low strange voices. Mary knew the fair young man who looked like a boy. She had heard that he was a very young

officer who had just come from England. The child stared at him, but she stared most at her mother. She always did this when she had a chance to see her, because the Mem Sahib--Mary used to call her that oftener than anything else--was such a tall, slim, pretty person and wore such lovely clothes. Her hair was like curly silk and she had a delicate little nose which seemed to be disdaining things, and she had large laughing eyes. All her clothes were thin and floating, and Mary said they were "full of lace." They looked fuller of lace than ever this morning, but her eyes were not laughing at all. They were large and scared and lifted imploringly to the fair boy officer's face.

"Is it so very bad? Oh, is it?" Mary heard her say. "Awfully," the young man answered in a trembling voice. "Awfully, Mrs. Lennox. You ought to have gone to the hills two weeks ago."

The Mem Sahib wrung her hands.

"Oh, I know I ought!" she cried. "I only stayed to go to that silly dinner party. What a fool I was!"

At that very moment such a loud sound of wailing broke out from the servants' quarters that she clutched the young man's arm, and Mary stood shivering from head to foot. The wailing grew wilder and wilder. "What is it? What is it?" Mrs. Lennox gasped.

"Some one has died," answered the boy officer. "You did not say it had broken out among your servants."

"I did not know!" the Mem Sahib cried. "Come with me! Come with me!" and she turned and ran into the house.

8. The passage describes Mary's characteristics and behavior. Mark all that apply.

Ⓐ Mary was a sweet quiet child and quite agreeable.
Ⓑ Mary was very spoiled by the servants and selfish.
Ⓒ Mary was ill-tempered and tyrannical.
Ⓓ All of the above.

DAY 5

CHALLENGE YOURSELF!

✔ Patterns
✔ Describing Characters

🌐 www.lumoslearning.com/a/dc4-5

WEEK 2
SUMMER PRACTICE

PLACE VALUE

1. What number can be found in the ten-thousands digit of 291,807?

Ⓐ 9
Ⓑ 1
Ⓒ 2
Ⓓ 0

2. Consider the number 890,260.

The 8 is found in the _____ place.

Ⓐ ten-thousands
Ⓑ millions
Ⓒ thousands
Ⓓ hundred-thousands

Place Value Chart

	Hundred-millions	Ten-millions	Millions			Hundreds	Tens	Ones

3. What number correctly completes this statement?

9 ten thousands = _____ thousands

Ⓐ 90
Ⓑ 900
Ⓒ 9
Ⓓ 19

4. Select the correct value for each number.

	5	50	500
How many hundreds are in 500?	○	○	○
How many tens are in 500?	○	○	○
How many ones are in 500?	○	○	○

Alexander the Great

Read the story below and answer the question that follows.

Nearly two thousand five hundred years ago, there lived a king called Alexander the Great. He was the son of Philip II of Macedonia. When Prince Alexander was a boy, a magnificent horse that was for sale was brought to the court of his father. The animal was to be sold for thirteen talents. Talents are ancient coins. Many were eager to buy the horse, but no one could get close enough to saddle the restless animal. He was wild and impossible to ride.

Alexander pleaded with his father to let him try. Realizing that the horse was terrified of its own shadow, he turned the horse toward the sun so that its shadow fell behind it. This calmed the horse, and the prince proudly rode away. Observing this, his father said, "My son, look for a kingdom worthy of your greatness. Macedonia is too small for you."

That is exactly what Alexander tried to do when he grew up. He fought many battles and always rode Bucephalus (that was the horse's name.) Friendship and trust grew between the man and is horse. When Bucephalus died of wounds received in battle, Alexander was heartbroken and deeply mourned the loss of his horse.

5. When did this story take place?

Ⓐ two thousand five hundred years ago
Ⓑ two hundred and fifty years ago
Ⓒ twenty five hundred years ago
Ⓓ It is happening now

Read the story below and answer the question that follows:

Fred had never been to the dentist. All of his life he had heard horror stories about the buzzing drills, the huge needles, and the scary tools that the dentist used to torture his patients. Since none of his teeth were hurting, Fred just couldn't understand why his mom was insisting on taking him to the dentist. She told him that it was important to visit the dentist each year to have his teeth checked and cleaned. This seemed silly to Fred because he cleaned his teeth everyday by brushing and flossing them, but nothing would change his mother's mind. He found it hard to believe that she would think it was a good idea to take him somewhere to be tortured. However, he had no choice but to go.

On the way to the dentist, Fred's imagination went wild. He pictured walking into a room with a huge chair that the dentist would strap him to. He could just see the dentist pulling out a huge drill and drilling his tooth while his mother and several others held him in the chair. By the time he got to the dentist's office, he was shaking all over.

Surprisingly, the office was nothing like he expected. The dentist was friendly, and the chair was comfortable. It didn't have any straps. He looked around the room and didn't see any huge drills or torture devices. He was relieved when all the dentist did was look in his mouth, show him how to properly brush and floss his teeth, and give him a balloon. His mom made another appointment to have his teeth cleaned in six months. Maybe this wouldn't be as bad as he had thought it would be.

1. The setting for the second paragraph of the above passage is probably:

Ⓐ the dentist's office
Ⓑ an automobile
Ⓒ Fred's home
Ⓓ school

Read the story below and answer the question that follows:

Huckleberry Hound ran through the yard and into the field next to his house. Suddenly, he put his nose to the ground and started sniffing as he walked. Yep, he definitely smelled a rabbit. He raised his head and howled loudly to let the other dogs know what he had found. Then, he shot after the rabbit like a bolt of lightning. He chased the rabbit for what seemed like hours, but he never caught it. He returned to his yard with his head hanging and his tail tucked between his legs.

2. At the beginning of the story, where was Huckleberry Hound?

Ⓐ in the yard
Ⓑ in a field
Ⓒ on the porch
Ⓓ in his kennel

Read the story below and answer the question that follows.

Jeff and his dad love to go mudding on their four wheelers. Mudding is great fun, but can be dangerous! Jeff has his own four wheeler, too. It is not as massive as his dad's but can go fast and sling mud everywhere. Mudding has become a sport of sorts in the swamp country in Louisiana where they live. So picture this in your mind. A four wheeler with a kid on it going through muddy paths covered in moss and vines. The mud is thick and water is everywhere. Get the picture, if you like mud like they do, it is a blast. The object of mudding is to see who can go the fastest beat the other "mudders" while getting the most mud and filth on them, as well.

There are several things to remember and keep in mind when preparing to drive and while driving four wheelers through mud. First, never go out alone. Buddy up is the best policy. Always wear plenty of clothing. Jeff and his dad wear long sleeve shirts, jeans and high top hunting boots.

Never go on a four wheeler without wearing a helmet for protection. Most of them have seat belts, so buckle up. Take water or a vitamin sports drink and a healthy snack with you. Keep a first aid kit in your four wheeler, too. If you are going out on a path that has several trails, take strips of cloth and tie on branches along the way to find your way back. Be sure to inspect your vehicle before going out. Check the basic like oil, gas, clean off any mud left before hand and make sure that your vehicle starts and stops when needed. While driving do not turn your four wheeler too sharp at any time as this could cause it to flip over. If the curve ahead of you looks sharp, slow down before you approach, or you might have an accident, as well. Safety is more important than winning or being the muddiest one out there!

Then hit the trails, have fun and enjoy the mud!

8. Review the list of tips on mudding and mark all that apply.

Ⓐ Do not worry about going out alone.
Ⓑ Buddy up, buckle up, and wear plenty of clothing.
Ⓒ Take a first aid kit, take water and snacks, mark your path and inspect your vehicle before going out.
Ⓓ Wear a helmet, slow down on sharp curves, and do not turn sharp.
   Do not take snacks or drinks with you.

DAY 1

CHALLENGE YOURSELF!

✔ Place Value
✔ Describing the Setting

🌐 www.lumoslearning.com/a/dc4-6

See the first page for Signup details

1. Arrange the following numbers in ascending order.
62,894; 26,894; 26,849; 62,984

Ⓐ 62,984; 62,894; 26,894; 26,849
Ⓑ 26,894; 26,849; 62,984; 62,894
Ⓒ 26,849; 62,984; 62,894; 26,894
Ⓓ 26,849; 26,894; 62,894; 62,984

2. Which of the following statements is true?

Ⓐ 189,624 > 189,898
Ⓑ 189,624 > 189,246
Ⓒ 189,624 < 189,264
Ⓓ 189,624 = 189,462

3. Which number will make this statement true?
198,888 > _____

Ⓐ 198,898
Ⓑ 198,879
Ⓒ 198,889
Ⓓ 199,888

4. Compare the numbers then select <, >, or = to make the sentence true.

	<	>	=
4,145___4,451	○	○	○
31,600 __ 63,100	○	○	○
49 ____ 49	○	○	○
831 ____ 381	○	○	○

Timothy

Read the passage below and answer the questions that follow.

Timothy is a student at my school. He is well-liked by all of the teachers and students. We all know that we can count on Timothy to keep our secrets, to help us if we ask, and to always be on time. We know that he is always honest and expects others to be honest as well.

Last summer, Timothy got a job walking dogs each morning. When school started this year everyone encouraged him to quit his job, but he decided to keep it. He knew it would be hard to get up every morning at 5 a.m. in order to get all of the dogs walked and then go to school all day. Additionally, he planned to sing in the chorus, play basketball, and be a mentor in the tutoring program this year. He knows it will not be easy, but he thinks his hard work will be worth it. He is trying to save enough money to go to a youth camp next summer.

5. According to the above passage, Timothy is saving his money for what upcoming event?

Ⓐ a football game
Ⓑ a chorus trip
Ⓒ youth camp
Ⓓ a basketball game

6. Timothy gets up at 5 a.m. every morning to

Ⓐ practice basketball
Ⓑ walk dogs
Ⓒ do his homework
Ⓓ tutor a classmate

Read the story below and answer the question that follows.

Fred had never been to the dentist. All of his life he had heard horror stories about the buzzing drills, the huge needles, and the scary tools that the dentist used to torture his patients. Since none of his teeth were hurting, Fred just couldn't understand why his mom was insisting on taking him to the dentist. She told him that it was important to visit the dentist each year to have his teeth checked and cleaned. This seemed silly to Fred because he cleaned his teeth everyday by brushing and flossing them, but nothing would change his mother's mind. He found it hard to believe that she would think it was a good idea to take him somewhere to be tortured. However, he had no choice but to go.

On the way to the dentist, Fred's imagination went wild. He pictured walking into a room with a huge chair that the dentist would strap him to. He could just see the dentist pulling out a huge drill and drilling his tooth while his mother and several others held him in the chair. By the time he got to the dentist's office, he was shaking all over.

Surprisingly, the office was nothing like he expected. The dentist was friendly, and the chair was comfortable. It didn't have any straps. He looked around the room and didn't see any huge drills or torture devices. He was relieved when all the dentist did was look in his mouth, show him how to properly brush and floss his teeth, and give him a balloon. His mom made another appointment to have his teeth cleaned in six months. Maybe this wouldn't be as bad as he had thought it would be.

7. Which detail shows that Fred is worried about going to the dentist?

- Ⓐ "To his surprise, the office was nothing like he expected."
- Ⓑ "Since none of his teeth were hurting, Fred just couldn't understand the reason that his mom was insisting on taking him to a dentist."
- Ⓒ "By the time he got to the dentist he was shaking all over."
- Ⓓ "Maybe this wouldn't be as bad as he thought it would be."

Read the story below and answer the question that follows.

Again on the second day, we had the free breakfast and rode the trolley. It wasn't raining this time at all. Mom got out her map and we began our day. Daniel wanted to go back and ride the Mad Tea Party again, but thankfully Mom said no to that.

We were able to go to Splash Mountain, the Jungle Cruise, the 7 Dwarf's Mine Train and much more. Mom did make a request of her own. She wanted to meet Mickey and Minnie Mouse who were scheduled to appear outside of the Cinderella Castle. She also said she wanted to listen to the Enchanted Tales with Belle and ride the Prince Charming Regal Carrousel. What a crazy silly Mom!

What we didn't know was that she had a plan. It was right after we left the carrousel that we heard fantastic sounds coming down the main street. Yes, parade time right before our eyes. Mom told us to come and sit. There we were on the side of the castle sitting on the ledge in perfect view of the parade. We asked her how she knew to stop there. She said one of the hotel clerks had told her how to find the spot and when to be there. The parade was magnificent to say the least. The characters actually stopped in front of us and performed. Wow! We couldn't have planned it any better.

After the parade we went to A Pirate's Adventure and Tomorrowland Speedway and Big Thunder Mountain. Mom said we needed to head toward the front entrance as it was time for fireworks and we needed to be ready. We got there just in time. The lights lit up the sky behind the Cinderella Castle and throughout Disneyworld. Just picture it! What a perfect ending to our vacation

8 - Explain the events that led up to them being able to see the parade from a wonderful view. Be sure to use details from the story to support your evidence. Write your answer in the box below.

DAY 2

CHALLENGE YOURSELF!

✓ Compare Numbers and Expanded Notation

✓ Describing Events

🌐 www.lumoslearning.com/a/dc4-7

See the first page for Signup details

1. Round 4,170,154 to the nearest hundred.

Ⓐ 4,200,000
Ⓑ 4,170,100
Ⓒ 4,170,000
Ⓓ 4,170,200

2. Round 4,170,154 to the nearest thousand.

Ⓐ 4,200,000
Ⓑ 180,000
Ⓒ 4,170,000
Ⓓ 4,179,200

3. Round 4,170,154 to the nearest ten thousand.

Ⓐ 4,200,000
Ⓑ 4,170,000
Ⓒ 4,179,000
Ⓓ 4,179,200

4. This number 75,025 is rounded to the nearest ten thousand to get 760,000. List the possible digits that could go in the thousands place.

Ⓐ 5,6,7,8,9
Ⓑ 6,7,8,9
Ⓒ 0,1,2,3,4
Ⓓ 0,1,2,3,4,5

5. Identify the simile used in the below sentence.

Her eyes twinkled like diamonds as she looked lovingly at her new kitten.

- (A) her eyes twinkled
- (B) as she looked lovingly
- (C) at her new kitten
- (D) twinkled like diamonds

6. Identify the metaphor in the below sentence

Elaine has no sympathy for others. You know she has a heart of stone.

- (A) no sympathy for others
- (B) a heart of stone
- (C) no sympathy
- (D) she has a heart

7. Identify the sentence that contains a metaphor.

- (A) She is as sweet as sugar.
- (B) She is as blind as a bat.
- (C) The sound of the chirping birds is music to my ears.
- (D) Billy is as stubborn as a mule.

Read the story below and answer the question that follows.

Everyone knows that grains are an important healthy part of a good diet. It is important to make sure that you are eating the right number of grains daily.

To make sure this happens eat half of your diet in grains each day. Whole grain and wheat help to keep your digestive system in order and running smoothly, as well.

Did you know that whole grains and whole grain foods are made up of all three layers of the grain seed or kernel?

Here are the layers and explanations that will help you to understand.

1. The bran (outer layer): give you all of the fiber as well as B vitamins; minerals such as magnesium, iron and zinc, and some protein.

2. The endosperm (middle layer): makes up for most of the weight of the grain and is made up mainly of carbohydrate and protein.

3. The germ (inner layer): has B vitamins, unsaturated fats, vitamin E, and minerals.

Most whole grains are quite tasty such as brown rice, barley, whole oats or oatmeal, wheat and rye breads.

When you go shopping with your parents, do the healthy choice thing and read labels.

Whole grain foods will have the words 'whole' or 'whole grain' followed by the name of the grain as one of the first ingredients.

Match the term with it's definition

	germ (inner layer)	endosperm (middle layer)	bran (outer layer)
the weight of the grain	O	O	O
the fiber	O	O	O
unsaturated fats	O	O	O

DAY 3

CHALLENGE YOURSELF!
✔ Rounding Numbers
✔ Figurative Language
🌐 www.lumoslearning.com/a/dc4-8

See the first page for Signup details

DAY
4

1. What number acts as the identity element in addition?

- Ⓐ 2-1
- Ⓑ 0
- Ⓒ 1
- Ⓓ None of these

2. Which of the following number sentences illustrates the Commutative Property of Addition?

- Ⓐ 3 + 7 = 7 + 3
- Ⓑ 9 + 4 = 10 + 3
- Ⓒ 11 + 0 = 11
- Ⓓ 2 + (3 + 4) = 2 + 7

3. What number makes this number sentence true?
10 + ___ = 0

- Ⓐ 10
- Ⓑ $\frac{4}{10}$
- Ⓒ 0
- Ⓓ -10

4. Find the sum: 4,927 + 5,098.

- Ⓐ 9025
- Ⓑ 9925
- Ⓒ 10,025
- Ⓓ 10,015

5. Which text structure is used in the classic story "The Three Little Pigs?"

Ⓐ Cause and effect
Ⓑ Compare and contrast
Ⓒ Problem and solution
Ⓓ Sequence

Read the text below and answer the question that follows.

I saw the most unusual chair in a furniture store today while walking around the mall. The chair was shaped like a high-heeled shoe. The seat was created from the toe of the shoe, and the high heel and back of the shoe created the chair's back. Hot pink velvet covered the top portion of the chair. Black velvet covered the bottom and heel of the chair. Along the sides of the toes and heel, huge rhinestones were glued to the velvet. I wonder who would want this type of chair.

6. What is the structure of the above text?

Ⓐ Cause and effect
Ⓑ Compare and contrast
Ⓒ Problem and solution
Ⓓ Description

Read the story below and answer the question that follows.

"Dad and I need to go out of town this weekend," said Mom. "We'll be back on Monday, so the three of you are going to spend the weekend with your two aunts."

Lindsay, Scarlet, and Austin loved their aunts and were really excited. They ran upstairs and started getting their things together to take with them. They put everything in one bag that they would need for school. They were going to stay with Aunt Margaret for two nights and the last night with their Auntie Josephine.

At the end of the school day, the children came running out of classroom doors from all different directions. Aunt Margaret was waiting for her nieces and nephew at the entrance of the school. She was wearing a bright red suit with a sparkly cat pin on it. She also had on a proper wool hat to match. She noticed a scuff on her shoes when her nieces and nephew ran up to her.

She cried, "Oh, my goodness! I am so happy you are here. The children at your school are just a bunch of hooligans. I was nearly trampled while I was standing here! Let's get into the car." Aunt Margaret pointed to a large, green, four-door station wagon that was parked in the lot.

The next day, a funny-sounding honk came from the front of the house. The children ran outside and saw Auntie Jo sitting in her convertible. She was wearing a big cowboy hat. She wore a pair of polka dot shorts with a too large shirt.

7. What is the structure of the text?

Ⓐ   a play
Ⓑ   a comedy
Ⓒ   a poem
Ⓓ   a narrative

THE THREE GOLDEN APPLES, Part - 8

Read the story below and answer the question that follows.

His nap had probably lasted a good while, when the cup chanced to graze against a rock, and, in consequence, immediately resounded and reverberated through its golden or brazen substance, a hundred times as loudly as ever you heard a church-bell. The noise awoke Hercules, who instantly started up and gazed around him, wondering whereabouts he was. He was not long in discovering that the cup had floated across a great part of the sea, and was approaching the shore of what seemed to be an island. And, on that island, what do you think he saw?

No; you will never guess it, not if you were to try fifty thousand times! It positively appears to me that this was the most marvelous spectacle that had ever been seen by Hercules, in the whole course of his wonderful travels and adventures. It was a greater marvel than the hydra with nine heads, which kept growing twice as fast as they were cut off; greater than the six-legged man-monster; greater than Antreus; greater than anything that was ever beheld by anybody, before or since the days

of Hercules, or than anything that remains to be beheld, by travelers in all time to come. It was a giant!

But such an intolerably big giant! A giant as tall as a mountain; so vast a giant, that the clouds rested about his midst, like a girdle, and hung like a hoary beard from his chin, and flitted before his huge eyes, so that he could neither see Hercules nor the golden cup in which he was voyaging. And, most wonderful of all, the giant held up his great hands and appeared to support the sky, which, so far as Hercules could discern through the clouds, was resting upon his head! This does really seem almost too much to believe.

Meanwhile, the bright cup continued to float onward, and finally touched the strand. Just then a breeze wafted away the clouds from before the giant's visage, and Hercules beheld it, with all its enormous features; eyes each of them as big as yonder lake, a nose a mile Long, and a mouth of the same width. It was a countenance terrible from its enormity of size, but disconsolate and weary, even as you may see the faces of many people, nowadays, who are compelled to sustain burdens above their strength. What the sky was to the giant, such are the cares of earth to those who let themselves be weighed down by them. And whenever men undertake what is beyond the just measure of their abilities, they encounter precisely such a doom as had befallen this poor giant.

Poor fellow! He had evidently stood there a long while. An ancient forest had been growing and decaying around his feet; and oak-trees, of six or seven centuries old, had sprung from the acorn, and forced themselves between his toes.

8. The narrator uses two sentences to intrigue and motivate the reader to go on. Choose the two sentences below from the passage that are evidence of this.

Ⓐ   a play
Ⓑ   a comedy
Ⓒ   a poem
Ⓓ   a narrative

1. Assume a function table has the rule "Multiply by 6." What would the OUT value be if the IN value was 8?

Ⓐ 14
Ⓑ 48
Ⓒ 16
Ⓓ 32

2. Solve.
26 x 8 = _____

Ⓐ 206
Ⓑ 168
Ⓒ 182
Ⓓ 208

3. The number sentence 4 x 1 = 4 illustrates which mathematical property?

Ⓐ The Associative Property of Multiplication
Ⓑ The Identity Property of Multiplication
Ⓒ The Distributive Property
Ⓓ The Associative Property of Multiplication

4. The van traveled 1,458 miles every day from Monday through Friday. How many miles did it travel in all? Write your answer in the box below.

5. The below passage uses which style of narration?

You are not the kind of guy who would be at a place like this at this time of the morning. But here you are, and you cannot say that the terrain is entirely unfamiliar, although the details are fuzzy.
—Opening lines of Jay McInerney's Bright Lights, Big City (1984)

(A) First person
(B) Second person
(C) Third person
(D) Fourth person

6. The below passage uses which style of narration?

I was so scared when I first learned that I would be having my tooth pulled. I didn't sleep at all the night before the procedure. I was terrified that it would hurt more than I could tolerate. I was shaking when I sat in the dentist's chair. He promised me that it would not hurt, but I certainly had my doubts. The dentist gave me some medicine. When I awoke, my tooth was gone, and I didn't remember a thing.

(A) First person
(B) Second person
(C) Third person
(D) Fourth person

7. The below passage uses which style of narration?

Huckleberry Hound ran through the yard and into the field next to his house. Suddenly, he put his nose to the ground and started sniffing as he walked. Yep, he definitely smelled a rabbit. He raised his head and howled loudly to let the other dogs know what he had found. Then, he shot after the rabbit like a bolt of lightning. He chased the rabbit for what seemed like hours, but he never caught it. He returned to his yard with his head hanging and his tail tucked between his legs.

(A) First person
(B) Second person
(C) Third person
(D) Fourth person

Read the text below and answer the question that follows.

The Act was originated in 1973, and is one of many US environmental laws passed in the 1970's. The law protects species from extinction. The United States Fish and Wildlife Service and the National Oceanic and Atmospheric Administration help to administer the act.

It was amended in 1978 to add economic considerations and again in 1982 which prevented economic considerations.

To be considered for listing, the species must meet one of five criteria (section 4(a)(1)):

1. There is the present or threatened destruction, modification, or curtailment of its habitat or range.
2. An over utilization for commercial, recreational, scientific, or educational purposes.
3. The species is declining due to disease or predation.
4. There is an inadequacy of existing regulatory mechanisms.
5. There are other natural or man-made factors affecting its continued existence.

8. In thinking about and considering types of endangered species, animals in particular, which one would you most be concerned with?
Which of the 5 listed criteria supports your concern? Write your answer in the box below.

DAY 5

CHALLENGE YOURSELF!

✓ Multiplication
✓ Point of View

🌐 www.lumoslearning.com/a/dc4-10

See the first page for Signup details

WEEK 3
SUMMER PRACTICE

DIVISION

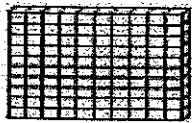**1. What role does the number 75 play in the following equation?**

300 ÷ 75 = 4

- (A) It is the dividend.
- (B) It is the quotient.
- (C) It is the divisor.
- (D) It is the remainder.

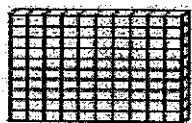**2. Which of the following division expressions will have no remainder?**

- (A) 73 ÷ 9
- (B) 82 ÷ 6
- (C) 91 ÷ 7
- (D) 39 ÷ 9

3. Divide these blocks into 2 equal groups. How many will be in each group? Note: 1 flat = 10 rods, 1 rod = 10 cubes

flat   flat   flat   rods   cubes

- (A) 352
- (B) 176
- (C) 152
- (D) 132

4. Complete the following table

Dividend	Divisor	Quotient	Remainder
128	8	16	0
435	7		
350	6		

Read the story below and answer the question that follows.

"The Elephant Who Saw the World," Mary started speaking. It was Friday, and the students had to share their creative writing stories of the week.

Mary loved writing, and this part of the week, when they were able to make up stories for creative writing, was her favorite part. She enjoyed it so much that she became really good at it. When she was home on the weekends and she didn't have much homework, she would sit in her room for hours and create stories to share with her friends and family. Her parents always supported her and were her biggest fans.

However, there was one part about every Friday at school that Mary did not enjoy, and that was when she had to share her story in front of the class. The teacher made all of the children share on Friday afternoons, and this made Mary very nervous. She was shy, and although she knew her teacher was right, she didn't like it.

After sitting and listening to the other children's share, Mary finally heard her name called. She knew it was her turn to share. She got out of her seat slowly, walked to the front of the room and began.

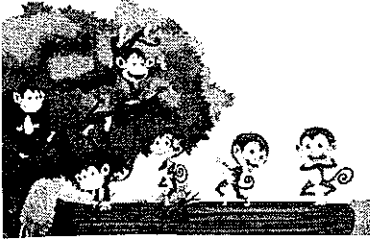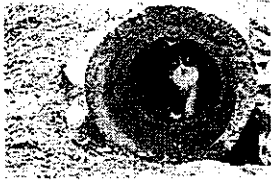**5. Which picture below best represents what's happening in the story?**

Ⓐ

Ⓑ

Ⓒ

Ⓓ None of the above

6. Which text below best represents what is happening in the picture?

Ⓐ Thelma watched her two baby lions, Louis and Lisa as they played. They were playing well until they started fighting over something the zoo keeper had thrown into the enclosure.

Ⓑ Thelma watched her two baby meerkats, Louis and Lisa, as they played. They were playing well until they started fighting over something the zoo keeper had thrown into the enclosure.

Ⓒ Thelma watched her two baby monkeys, Louis and Lisa, as they played. They were playing well until they started fighting over something the zoo keeper had thrown into the enclosure.

Ⓓ Thelma watched her two baby koala bears, Louis and Lisa, as they played. They were playing well until they started fighting over something the zoo keeper had thrown into the enclosure.

Ⓐ One day last spring I was out walking as it was a beautiful spring day. I came across an empty forest and heard a noise. It sounded like a baby but it couldn't have been a baby since there was no one else there. I walked over to where I thought the noise was coming from and stopped in front of a large hollow tree. It looked as if it had been there for a very long time. I stopped and listened. I heard the noise again and it was definitely coming from inside the tree. I looked inside and I saw a little kitten.

Ⓑ One day last spring I was out walking as it was a beautiful spring day. I came across an empty   parking lot and heard a noise. It sounded like a baby but it couldn't have been a baby since there was no one else there. I walked over to where I thought the noise was coming from and stopped in front of a large box. It looked like some thing someone may have used for moving.
I stopped and listened. I heard the noise again and it was definitely coming from inside the box. I looked inside and I saw a little kitten.

Ⓒ One day last spring I was out walking as it was a beautiful spring day. I came across a construction site and heard a noise. It sounded like a baby but it couldn't have been a baby since there was no one else there. I walked over to where I thought the noise was coming from and stopped in front of a large cement pipe. It looked like some thing they might use to transport water underground. I stopped and listened. I heard the noise again and it was definitely coming from inside the pipe. I looked inside and I saw a little kitten.

Ⓓ At first the kitten was scared but eventually, with lots of coaxing, the kitten came to one of the open ends of the tree. I was able to see that it was a little black and white kitten who was probably very hungry and scared. I took the kitten home and it became my companion from that day on.

Read the text below and answer the question that follows.

Sandy Thomas enrolled in soccer when she was in first grade. She had loved to watch the soccer games on TV with her dad. Sandy's dad was a high school soccer coach. It was his passion, as well as hers. Sandy was elated when she convinced her parents to let her play soccer rather than take ballet. Her friends were astonished as they had all signed up for ballet and expected her to, as well.

The team she was on this year was called, The Blue Jets. She was playing her favorite position, goalie. She practices at home with a goal her dad made for her. He tries to make the goal and she blocks it almost every time.

8. If the pattern stays exactly the same, what will game 3 score results be? Fill in the chart.

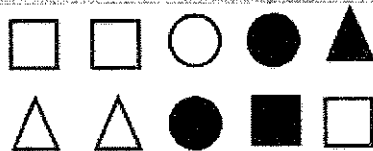| Game #	Team Blue Jets	Opposing Team	Difference + or -
1	10	8	+2
2	8	6	+2
3	?	?	?

1. What fraction of these shapes are squares?

□ □ ○ ● ▲
△ △ ● ■ □
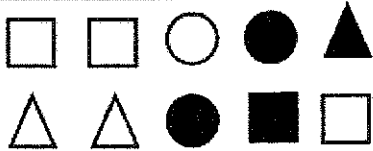
(A) $\frac{1}{4}$

(B) $\frac{4}{6}$

(C) $\frac{4}{10}$

(D) $\frac{1}{3}$

2. What fraction of these shapes are not circles?

□ □ ○ ● ▲
△ △ ● ■ □

(A) $\frac{3}{7}$

(B) $\frac{8}{10}$

(C) $\frac{7}{10}$

(D) $\frac{1}{3}$

3. What fraction of the squares are shaded?

□ □ ○ ● ▲
△ △ ● ■ □

(A) $\frac{1}{4}$

(B) $\frac{1}{10}$

(C) $\frac{1}{3}$

(D) $\frac{3}{4}$

4. Write the simplest form of $\frac{120}{150}$. Write the answer in the box given below.

Fred Goes to the Dentist

Read the story below and answer the question that follows.

Fred had never been to the dentist. All of his life he had heard horror stories about the buzzing drills, the huge needles, and the scary tools that the dentist used to torture his patients. Since none of his teeth were hurting, Fred just couldn't understand why his mom was insisting on taking him to the dentist. She told him that it was important to visit the dentist each year to have his teeth checked and cleaned. This seemed silly to Fred because he cleaned his teeth everyday by brushing and flossing them, but nothing would change his mother's mind. He found it hard to believe that she would think it was a good idea to take him somewhere to be tortured. However, he had no choice but to go.

On the way to the dentist, Fred's imagination went wild. He pictured walking into a room with a huge chair that the dentist would strap him to. He could just see the dentist pulling out a huge drill and drilling his tooth while his mother and several others held him in the chair. By the time he got to the dentist's office, he was shaking all over.

Surprisingly, the office was nothing like he expected. The dentist was friendly, and the chair was comfortable. It didn't have any straps. He looked around the room and didn't see any huge drills or torture devices. He was relieved when all the dentist did was look in his mouth, show him how to properly brush and floss his teeth, and give him a balloon. His mom made another appointment to have his teeth cleaned in six months. Maybe this wouldn't be as bad as he had thought it would be.

5. Compare the way Fred felt about going to the dentist before his visit to the way he felt after his first visit.

Ⓐ   Fred was excited about going but became afraid once he arrived.
Ⓑ   Fred was afraid of going and was even more afraid after he met the dentist.
Ⓒ   Fred was afraid of going but felt relieved after he met the dentist.
Ⓓ   Fred was excited about going and loved it once he arrived.

Read the passages below and answer the questions that follow.

Passage 1

Timothy

Timothy got a job walking dogs each morning. When school started this year, everyone encouraged him to quit his job, but he decided to keep it. He knew it would be hard to get up every morning at 5 a.m. in order to get all of the dogs walked and then go to school all day. Additionally, he planned to sing in the chorus, play basketball, and be a mentor in the tutoring program this year. He knows it will not be easy, but he thinks his hard work will be worth it. He is trying to save enough money to go to a youth camp next summer.

Passage 2

Adam likes to spend time with his friends. If he is not with them, he is texting them or playing games with them online. Adam is always busy. He cannot stand to sit around and do nothing. In fact, the only time he is still is when he is sleeping. Adam plays football, basketball, soccer, and baseball. He loves to be involved in whatever is going on at school or at the town's youth center. He spends a lot of his time encouraging people to recycle and even volunteers at the youth center. Although he loves spending time with his friends, he is willing to give up time with them to help others.

Passage 3

Stanley loves to stay at home. He enjoys activities that can be done alone such as reading, drawing, and spending time with his dogs. Most days after school you can find him at home enjoying one of his favorite activities. He also thinks recycling is important and makes sure his family does it. Although he likes being alone, he enjoys volunteering at the youth center with his brother. He thinks it is important to make a difference in the lives of others, which is why he thinks he would like to be a doctor. Adam and Stanley may be different in many ways, but they join together and make a difference in their community.

6. If you compare Timothy and Adam, which statement is correct?

Ⓐ Timothy participates in extracurricular activities, but Adam does not.
Ⓑ Timothy does not participate in extracurricular activities, but Adam does.
Ⓒ Timothy and Adam both participate in extracurricular activities.
Ⓓ Neither Timothy nor Adam participates in extracurricular activities.

7. If you contrast Timothy and Stanley, which statement is correct?

Ⓐ Stanley participates in many extracurricular activities such as sports and chorus, but Timothy does not.
Ⓑ Stanley and Timothy both participate in extracurricular activities such as sports and chorus.
Ⓒ Neither Stanley nor Timothy participates in extracurricular activities.
Ⓓ Stanley enjoys solitary activities such as drawing, but Timothy enjoys group activities such as chorus and sports.

Read the story below and answer the question that follows.

Everyone knows that grains are an important healthy part of a good diet. It is important to make sure that you are eating the right number of grains daily.

To make sure this happens eat half of your diet in grains each day. Whole grain and wheat help to keep your digestive system in order and running smoothly, as well.

Did you know that whole grains and whole grain foods are made up of all three layers of the grain seed or kernel?

Here are the layers and explanations that will help you to understand.

1. The bran (outer layer): give you all of the fiber as well as B vitamins; minerals such as magnesium, iron and zinc, and some protein.

2. The endosperm (middle layer): makes up for most of the weight of the grain and is made up mainly of carbohydrate and protein.

3. The germ (inner layer): has B vitamins, unsaturated fats, vitamin E, and minerals.

Most whole grains are quite tasty such as brown rice, barley, whole oats or oatmeal, wheat and rye breads.

When you go shopping with your parents, do the healthy choice thing and read labels.

Whole grain foods will have the words 'whole' or 'whole grain' followed by the name of the grain as one of the first ingredients.

8. How can you help when you are out shopping with your parents to be sure healthy choices are made? Write your answer in the box below.

1. Where is Point D located on this number line?
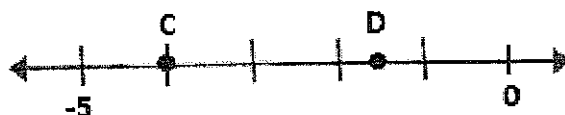
(A) -2.5

(B) -2

(C) -1.5

(D) -3

2. Which statement is true?

(A) $\frac{4}{14} = \frac{6}{21} = \frac{8}{28}$

(B) $\frac{4}{14} > \frac{6}{21} > \frac{8}{28}$

(C) $\frac{4}{14} < \frac{6}{21} < \frac{8}{28}$

(D) $\frac{4}{14} < \frac{6}{21} > \frac{8}{28}$

3. Compare the two fractions using < = or >:

$$\frac{3}{12} \_\_\_\_ \frac{3}{18}$$

(A) =

(B) <

(C) >

4. Which of the following fractions make this statement true? More than one answer maybe correct. Select all the correct answers

$$\frac{3}{5} > \_\_\_.$$

(A) $\frac{4}{5}$

(B) $\frac{3}{10}$

(C) $\frac{8}{15}$

(D) $\frac{12}{20}$

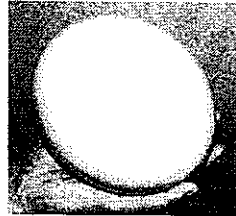**Read the story below and answer the questions that follow.**

The ostrich is the largest bird in the world, but it cannot fly. Its legs are so strong and long that it can travel faster by running. Ostriches use their wings to help them gather speed when they start to run. They also use them as brakes when turning and stopping.

Ostriches have been known to run at speeds of 60 miles per hour. This is faster than horses and matches the average speed of vehicles on a highway.

These huge birds stand as tall as horses and sometimes weigh as much as 298 pounds. In North Africa, they are often seen with other larger animals.

The zebra, which is also a fast runner, seems to be one of their favorite companions.

An ostrich egg weighs one pound, which is as much as two dozen chicken eggs. Ostrich eggs are delicious and are often used for food by people in Africa. The shells are also made into cups and beautiful ornaments.

5. Why is it a good thing that the Ostrich can run, rather than fly?

Ⓐ   The Ostrich does not enjoy flying.
Ⓑ   The Ostrich is able to fly.
Ⓒ   The Ostrich does not want to fly.
Ⓓ   The Ostrich can travel faster by running.

6. Devon says that Ostriches are shy and solitary birds. Which detail in the text proves him wrong?

Ⓐ   "Ostrich eggs are delicious and are often used for food by people in Africa."
Ⓑ   "An ostrich egg weighs one pound."
Ⓒ   "These huge birds stand as tall as a horse."
Ⓓ   "The zebra, which is also a fast runner, seems to be one of their favorite companions."

Read the text below and answer the question that follows.

The blue whale is quite an amazing creature. It is a mammal that lives its entire life in the ocean. The size of its body is also amazing. This whale can grow up to 98 feet long and weigh as much as 200 tons. It is the largest known animal to have ever existed. Its body is long and elegantly tapered, unlike other whales which have a rounder, stockier build. The way that they are built, along with their extreme size, gives them a unique look. It also gives them the ability to move gracefully at greater speeds. Normally they travel around 12 mph, but they slow to 3.1 mph when feeding. They can even reach speeds up to 31 mph for short periods of time! Although they are extremely large animals, they eat small shrimp-like creatures called krill. Since the krill are so small, the blue whale eats about four tons daily as they swim deep in the ocean.

Blue whales do not live in tight-knit groups called pods like other whales. They live and travel alone or with one other whale. While traveling through the ocean, they come to the top to breathe air into their lungs through blowholes. They come from under the ocean, spitting water out of their blowholes. Then they roll and reenter the water with a grand splash of their large tails. They make loud, deep, and rumbling low-frequency sounds that travel great distances. This allows them to communicate with other whales as far as 100 miles away. Their cries can be felt as much as heard. This resonating call makes them the loudest animal on Earth. If you ever have the opportunity to see or hear a blue whale, it will be an experience you will not soon forget.

7. **Angel argues that the blue whale is a solitary creature. What evidence from the text best supports his point?**

Ⓐ "Blue whales do not live in tight-knit groups called pods like other whales. They live and travel alone or with one other whale."

Ⓑ "This whale can grow up to 98 feet long and weigh as much as 200 tons. It is the largest known animal to have ever existed."

Ⓒ "They make loud, deep, and rumbling low-frequency sounds that travel great distances. This allows them to communicate with other whales as far as 100 miles away."

Ⓓ "Although they are extremely large animals, they eat small shrimp-like creatures called krill."

Read the letter below and answer the question that follows.

2362 West Main Street
Jojo, TX 98456
June 16, 2017

Dear Mr. Seymour:

I ordered a Magic Racing Top from your company. The toy was delivered to me today in a package that was badly damaged. I took a picture of the box before I opened it, which I am sending to you as proof of the damage. The toy inside was broken due to the damage of the package during shipping.

This toy was to be a gift for my friend's birthday. There is not enough time before his party to wait for a replacement toy; therefore, I no longer need the toy. I would like for you to refund my money. Please send me a prepaid shipping label if you would like me to return the broken toy. Thank you for handling this matter for me. I look forward to hearing from you and hope we can satisfactorily resolve this problem.

Sincerely,
Tim West

8. Dominique argues that the writer of this letter was pleased with the toy company because he says, "please," and "if you would like." Does this evidence do a good job of supporting her argument?

   Ⓐ Yes. These are very polite words, so he is clearly pleased with the toy company.
   Ⓑ Yes. He also says, "Thank you for handling this matter for me."
   Ⓒ No. He is being polite, but he also says the package he ordered was, "badly damaged," and, "I would like for you to refund my money."
   Ⓓ No. He wants to satisfactorily resolve the problem.

1. Find the sum:

$$\frac{3}{12} + \frac{2}{12} =$$
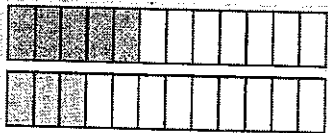
Ⓐ $\frac{5}{24}$

Ⓑ $\frac{6}{12}$

Ⓒ $\frac{5}{12}$

Ⓓ $\frac{1}{4}$

2. Find the sum:

$$\frac{2}{7} + \frac{1}{7} =$$

Ⓐ $\frac{3}{7}$

Ⓑ $\frac{3}{14}$

Ⓒ $\frac{2}{14}$

Ⓓ $\frac{1}{3}$

3. Use the following model to determine what fractional parts are shaded.

Ⓐ $\frac{1}{2}$

Ⓑ $\frac{5}{12}$

Ⓒ $\frac{2}{3}$

Ⓓ $\frac{3}{4}$

4. Write $2\frac{5}{8}$ as the sum of fractions. Select all the correct answers.

Ⓐ $2 + \frac{3}{8} + \frac{2}{8}$

Ⓑ $1 + \frac{4}{8} + \frac{1}{8}$

Ⓒ $1 + 1 + \frac{4}{8} + \frac{1}{8}$

Ⓓ $1 + \frac{2}{3} + \frac{3}{5}$

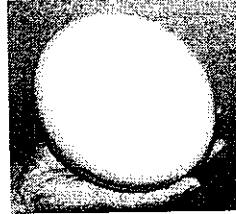**Read the passage below and answer the questions that follow.**

The ostrich is the largest bird in the world, but it cannot fly. Its legs are so strong and long that it can travel faster by running. Ostriches use their wings to help them gather speed when they start to run. They also use them as brakes when turning and stopping.

Ostriches have been known to run at speeds of 60 miles per hour. This is faster than horses and matches the average speed of vehicles on a highway.

These huge birds stand as tall as horses and sometimes weigh as much as 298 pounds. In North Africa, they are often seen with other larger animals.

The zebra, which is also a fast runner, seems to be one of their favorite companions.

An ostrich egg weighs one pound, which is as much as two dozen chicken eggs. Ostrich eggs are delicious and are often used for food by people in Africa. The shells are also made into cups and beautiful ornaments.

5. What is the most appropriate title for this passage?

Ⓐ The Ostrich
Ⓑ The Bird that Cannot Fly
Ⓒ The Ostrich Egg
Ⓓ The Largest Bird in the World

6. What is the main idea of the passage?

Ⓐ Ostriches are great because their eggs are delicious.
Ⓑ The ostrich is the largest bird and can run very fast.
Ⓒ The ostrich is the largest bird but it cannot fly.
Ⓓ The ostrich lives in Africa.

Read the passage below and answer the question that follows.

Did you know that the coconut tree is very useful to people? Each part of the tree can be used for many different purposes. The coconut fruit, which we get from the tree, is very nutritious and is used to cook many foods. Coconut milk, which is taken from the coconut, tastes very delicious. It is used to prepare a variety of sweet dishes.

Oil can be extracted from a dried coconut. Coconut oil is a very good moisturizer. It is used in many beauty products like body wash, face wash, shampoos, and conditioners. The oil is also used for cooking of tropical foods. Some coconut trees grow straight and tall, and some trees are very short. Coconut trees do not have branches. They have long leaves which grow right at the top of the tree. The leaves have many different uses. Leaf ribs are made into brooms. The fiber obtained from the outer cover of the nut is used for mattresses and rugs. The trunk is used to make logs for small boats. It is also used for firewood. The sweet water of the tender coconut quenches thirst during the hot summer months and it is also very healthy.

7. What is the most appropriate title for this passage?

Ⓐ The Coconut Tree and Its Uses
Ⓑ Trees of the Rainforest
Ⓒ Foods that We Get from the Coconut
Ⓓ Tall Coconut Trees

Read the story below and answer the questions that follow.

Beatrice was so excited. This was truly a special day for her. She looked down and saw that her cup was sparkling with clean and cold water. She couldn't believe it was real as she had never seen water like that before. She slowly took a sip and it tasted so fresh. Her mother always told her how important water is.

The only way that Beatrice was able to get her water in the past was from the dirty water in a ditch not far from her home. Otherwise, they would have to walk for miles to reach other areas that had water. The water there wasn't very clean, either. In fact, most of the time, this water had a horrible smell and was brownish in color. Beatrice and her family knew it wasn't great but they didn't have any choice. The water that they drank from was contaminated making Beatrice feel sick often.

The water they mostly use is from streams, rivers, and lakes and is used for cooking, taking baths, and washing clothes. This water is contaminated from chemicals in the products they use and can cause diseases, such as typhus, cholera, dysentery, and malaria.

8. What would be the main idea of the story above?

Ⓐ Beatrice never had water that tasted so good before.
Ⓑ Beatrice is happy that she and her family will finally have clean drinking water.
Ⓒ Beatrice and her family get their water from the murky stream near the home.
Ⓓ Contaminated water often carries diseases and people can become very ill.

DAY 4

CHALLENGE YOURSELF!
✔ Adding and Subtracting Fractions
✔ The Main Idea

🌐 www.lumoslearning.com/a/dc4-14

See the first page for Signup details

1. $1\frac{1}{4} - \frac{5}{4} =$

(A) $\frac{6}{4} - \frac{3}{4} = \frac{3}{4}$

(B) $\frac{4}{4} - \frac{3}{4} = \frac{1}{4}$

(C) $\frac{4}{8} - \frac{3}{4} = \frac{1}{4}$

(D) $\frac{5}{4} - \frac{3}{4} = \frac{2}{4} = \frac{1}{2}$

2. How many sevenths are there in 3 whole pizza?

(A) 7
(B) 14
(C) 28
(D) 21

3. What fractional part could be added to each blank to make each number sentence true?

$$\frac{3}{8} = \frac{1}{8} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}};$$

$$\frac{3}{8} = \underline{\hspace{1cm}} + \frac{2}{8}$$

(A) $\frac{2}{8}$

(B) $\frac{1}{8}$

(C) $\frac{0}{8}$

(D) $\frac{3}{8}$

4. Solve $8\frac{1}{2} - 4\frac{3}{4}$ **Circle the correct answer.**

(A) $4\frac{3}{4}$

(B) $3\frac{3}{4}$

(C) $3\frac{1}{4}$

(D) $4\frac{1}{4}$

Digestive System

Read the passage below and answer the questions that follow.

The digestive system is made up of the esophagus, stomach, liver, gall bladder, pancreas, large and small intestines, appendix, and rectum. Digestion actually begins in the mouth when food is chewed and mixed with saliva. Muscles in the esophagus push food into the stomach. Once there, it mixes with digestive juices. While in the stomach, food is broken down into nutrients, good for you, and turned into a thick liquid. The food then moves into the small intestines where more digestive juices complete breaking it down. It is in the small intestines that nutrients are taken into the blood and carried throughout the body. Anything left over that your body cannot use goes to the large intestine. The body takes water from the leftovers. The rest is passed out of your body.

What event begins the digestive process?

Ⓐ The small intestine absorbing nutrients.
Ⓑ Muscles in the esophagus pushing food into the stomach.
Ⓒ Chewing food and allowing it to mix with saliva.
Ⓓ Nutrients are taken into the blood.

How do nutrients that are absorbed from food move through the body?

Ⓐ They develop the ability to swim through the body's fluids in a tiny school bus.
Ⓑ The digestive juices in the small intestine break them down.
Ⓒ They move through the esophagus and into the stomach.
Ⓓ They are absorbed into the blood, which carries them to other parts of the body.

Read the passage below and answer the question that follows.

The blue whale is quite an amazing creature. It is a mammal that lives its entire life in the ocean. The size of its body is also amazing. This whale can grow up to 98 feet long and weigh as much as 200 tons. It is the largest known animal to have ever existed. Its body is long and elegantly tapered, unlike other whales which have a rounder, stockier build. The way that they are built, along with their extreme size, gives them a unique look. It also gives them the ability to move gracefully at greater speeds. Normally they travel around 12 mph, but they slow to 3.1 mph when feeding. They can even reach speeds up to 31 mph for short periods of time! Although they are extremely large animals, they eat small shrimp-like creatures called krill. Since the krill are so small, the blue whale eats about four tons daily as they swim deep in the ocean.

Blue whales do not live in tight-knit groups called pods like other whales. They live and travel alone or with one other whale. While traveling through the ocean, they come to the top to breathe air into their lungs through blowholes. They come from under the ocean spitting water out of their blowholes. Then they roll and reenter the water with a grand splash of their large tails. They make loud, deep, and rumbling low-frequency sounds that travel great distances. This allows them to communicate with other whales as far as 100 miles away. Their cries can be felt as much as heard. This resonating call makes them the loudest animal on Earth. If you ever have the opportunity to see or hear a blue whale, it will be an experience you will not soon forget.

7. How do blue whales breathe?

Ⓐ They use their blowholes to process oxygen found at deep ocean depths.
Ⓑ They spit water out of their blowholes and then rise to the surface to breathe air.
Ⓒ They rise to the surface, spit water out of their blowholes, and then breathe air in through their blowholes.
Ⓓ They roll and re-enter the water with a grand splash of their large tail.

Read the passage below and answer the question that follows.

There are many theories about how dinosaurs came to be extinct. Scientists do not all agree about what may have happened. The most recent idea says that a giant meteorite crashed into the earth. It kicked up enough dust and dirt that the Sun's rays did not reach Earth for a very long time. This prevented plants from making their own food via photosynthesis. Plant-eaters and then, meat-eaters died due to a lack of food.

The other leading idea says that dinosaurs died out when the Earth went through a time of volcanoes erupting. Like the meteorite idea, it is thought that the volcanoes spewed enough ash into the air that the Sun's rays were blocked. This also caused plant and animal life to die.

Do all scientists agree about how dinosaurs became extinct?

Ⓐ No. The text explains that there are many theories on dinosaur extinction and describes two of them.

Ⓑ No. Some scientists believe dinosaurs died when a giant meteorite crashed into earth, while others blame extraterrestrials.

Ⓒ Yes. The scientific community has debated several possibilities, and they agree that dinosaurs died out as the result of widespread volcanic eruptions.

Ⓓ Yes. The scientists have argued but finally agree that they dinosaurs became extinct when a meteor crashed into Earth.
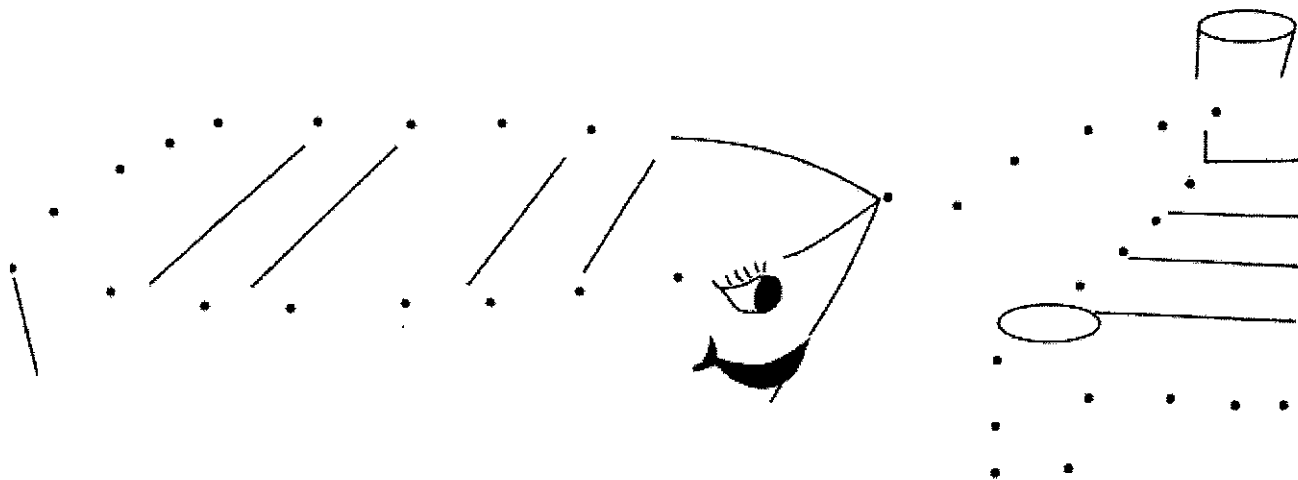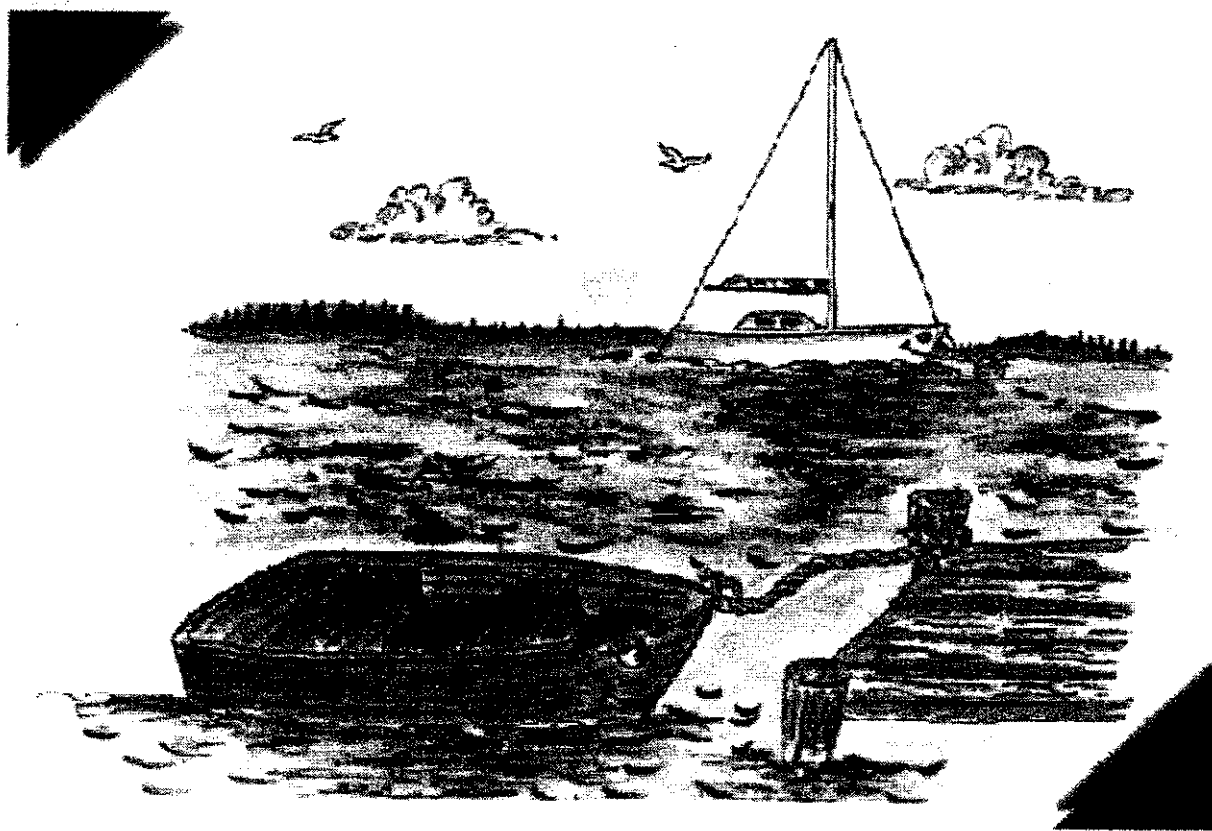
THIS WEEK'S ONLINE ACTIVITIES

✓ Reading Assignment   ✓ Vocabulary Practice

✓ Write Your Summer Diary

🌐 www.lumoslearning.com/a/slh4-5

WEEKLY FUN SUMMER PHOTO CONTEST

📷 Take a picture of your summer fun activity and share it on Twitter or Instagram

Use the #SummerLearning mention

@LumosLearning on **Twitter**   @lumos_learning on **Instagram**

👤 Tag friends and increase your chances of winning the contest.

PARTICIPATE AND STAND A CHANCE TO WIN $50 AMAZON GIFT CARD!

WEEK 4
SUMMER PRACTICE

ADDING AND SUBTRACTING MIXED NUMBERS

1. Angelo picked $2\frac{3}{4}$ pounds of apples from the apple orchard. He gave $1\frac{1}{4}$ pounds to neighbor Mrs. Mason. How many pounds of apples does Angelo have left?

   Ⓐ $1\frac{1}{2}$ pounds

   Ⓑ $1\frac{3}{4}$ pounds

   Ⓒ $2\frac{1}{4}$ pounds

   Ⓓ $1\frac{3}{8}$ pounds

2. Daniel and Colby are building a castle out of plastic building blocks. They will need 2 buckets of blocks for the castle. Daniel used to have two full buckets of blocks, but some are now only has $1\frac{3}{4}$ buckets. Colby used to have two full buckets of blocks too, have as $1\frac{1}{4}$ buckets. If Daniel and Colby combine their buckets of blocks, will they be enough to build their castle?

   Ⓐ No, they will have less than $1\frac{1}{2}$ buckets.

   Ⓑ No, they will have $1\frac{1}{2}$ buckets.

   Ⓒ Yes, they will have $2\frac{1}{2}$ buckets.

   Ⓓ Yes, they will have 3 buckets.

3. Lexi and Ava are making chocolate chip cookies for a sleepover with their friends. They will need $4\frac{1}{4}$ cups of chocolate chips to make enough cookies for their friends. Lexi has $2\frac{3}{4}$ cups of chocolate chips. Ava has $1\frac{3}{4}$ cups of chocolate chips. Will the girls have enough chocolate chips to make the cookies for their friends?

   Ⓐ They'll have less than 4 cups, but should just use the amount they have.

   Ⓑ They'll have less than 4 cups, so no.

   Ⓒ They'll have $4\frac{1}{4}$ cups, so yes.

   Ⓓ They'll have $4\frac{2}{4}$ cups, so yes.

	$2\frac{2}{4}$	$3\frac{3}{4}$	$4\frac{1}{4}$
$2\frac{1}{4} + 1\frac{2}{4}$	◯	◯	◯
$5\frac{1}{4} - 2\frac{3}{4}$	◯	◯	◯
$2\frac{3}{4} + 1\frac{2}{4}$	◯	◯	◯

Read the passage below and answer the question that follows.

The blue whale is quite an amazing creature. It is a mammal that lives its entire life in the ocean. The size of its body is also amazing. This whale can grow up to 98 feet long and weigh as much as 200 tons. It is the largest known animal to have ever existed. Its body is long and elegantly tapered, unlike other whales which have a rounder, stockier build. The way that they are built, along with their extreme size, gives them a unique look. It also gives them the ability to move gracefully at greater speeds. Normally they travel around 12 mph, but they slow to 3.1 mph when feeding. They can even reach speeds up to 31 mph for short periods of time! Although they are extremely large animals, they eat small shrimp-like creatures called krill. Since the krill are so small, the blue whale eats about four tons daily as they swim deep in the ocean.

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5. What is the meaning of the word resonating?

Ⓐ low
Ⓑ loud
Ⓒ silent
Ⓓ quiet

Read the passage below and answer the questions that follow.

Have you ever thought about what happened to the dinosaurs that once roamed the Earth? Well, scientists have developed several ideas throughout the years. One idea is that a giant meteorite crashed into our planet and caused a huge dust cloud to cover the Earth. The dust cloud was so enormous that it kept the sun's rays from reaching Earth. This caused all of the plants to die. With nothing to eat, the herbivores died. The large carnivores also died, leaving the planet without dinosaurs.

6. What is the meaning of the word herbivore?

Ⓐ a type of plant
Ⓑ an animal that eats only plants
Ⓒ a type of storm
Ⓓ an animal that eats only meat

7. What is the meaning of the word carnivores?

Ⓐ a type of plant
Ⓑ an animal that eats only plants
Ⓒ a type of storm
Ⓓ an animal that eats only meat

8. What is the meaning of the underlined word?

The first review of the Despicable Me was favorable. Many people attended and enjoyed the movie.

Ⓐ clear
Ⓑ negative
Ⓒ positive
Ⓓ unsure

DAY 1

CHALLENGE YOURSELF!

✓ Adding and Subtracting Mixed Numbers
✓ What Does it Mean?

🌐 www.lumoslearning.com/a/dc4-16

See the first page for Signup details

1. Marcie and Lisa wanted to share a cheese pizza together. Marcie ate $\frac{3}{6}$ of the pizza and Lisa ate $\frac{2}{6}$ of the pizza. How much of the pizza did the girls eat together?

Ⓐ $\frac{6}{6}$ of a pizza

Ⓑ $\frac{5}{6}$ of a pizza

Ⓒ $\frac{1}{2}$ of a pizza

Ⓓ $\frac{4}{6}$ of a pizza

2. Sophie and Angie need $8\frac{5}{8}$ feet of ribbon to package gift baskets. Sophie has $3\frac{1}{8}$ feet of ribbon and Angie has $5\frac{3}{8}$ feet of ribbon. Will the girls have enough ribbon to complete the gift baskets?

Ⓐ Yes, and they will have extra ribbon.
Ⓑ Yes, but they will not have extra ribbon.
Ⓒ They will have just enough ribbon to make the baskets.
Ⓓ No, they will not have enough ribbon to make the baskets.

3. Travis has $4\frac{1}{8}$ pizzas left over from his soccer party. After giving some pizza to his friend he has $2\frac{4}{8}$ of a pizza left. How much pizza did Travis give to his friend?

Ⓐ $1\frac{1}{2}$ pizzas

Ⓑ $1\frac{5}{8}$ pizzas

Ⓒ $1\frac{3}{4}$ pizzas

Ⓓ $1\frac{5}{7}$ pizzas

4. John and his friends ate $3\frac{1}{3}$ pizzas on Monday. They ate $2\frac{1}{4}$ pizzas on Tuesday. How much of the pizza did they eat in all? Select all the correct answers.

Ⓐ $5\frac{7}{12}$ pizzas

Ⓑ $5\frac{2}{7}$ pizzas

Ⓒ $\frac{37}{7}$ pizzas

Ⓓ $\frac{67}{12}$ pizzas

Read the passage below and answer the questions that follow.

The blue whale is quite an amazing creature. It is a mammal that lives its entire life in the ocean. The size of its body is also amazing. This whale can grow up to 98 feet long and weigh as much as 200 tons. It is the largest known animal to have ever existed. Its body is long and elegantly tapered, unlike other whales which have a rounder, stockier build. The way that they are built, along with their extreme size, gives them a unique look. It also gives them the ability to move gracefully at greater speeds. Normally they travel around 12 mph, but they slow to 3.1 mph when feeding. They can even reach speeds up to 31 mph for short periods of time! Although they are extremely large animals, they eat small shrimp-like creatures called krill. Since the krill are so small, the blue whale eats about four tons daily as they swim deep in the ocean.

Blue whales do not live in tight-knit groups called pods like other whales. They live and travel alone or with one other whale. While traveling through the ocean, they come to the top to breathe air into their lungs through blowholes. They come from under the ocean, spitting water out of their blowholes. Then they roll and reenter the water with a grand splash of their large tails. They make loud, deep, and rumbling low-frequency sounds that travel great distances. This allows them to communicate with other whales as far as 100 miles away. Their cries can be felt as much as heard. This resonating call makes them the loudest animal on Earth. If you ever have the opportunity to see or hear a blue whale, it will be an experience you will not soon forget.

The author used which text structure when writing this passage?

Ⓐ Problem and solution
Ⓑ Cause and effect
Ⓒ Sequence
Ⓓ Descriptive

A report that explains how animal cells and plant cells are alike and how they are different would be written using which of the text structures?

Ⓐ Cause and effect
Ⓑ Compare and contrast
Ⓒ Problem and solution
Ⓓ Sequence or chronological

Read the recipe below and answer the question that follows.

Grandma's Chocolate Cake

1 ¾ cups all-purpose flour
2 cups white sugar
2 sticks of room temperature butter
2 eggs
¾ cup cocoa powder
1 cup milk
1 tsp. vanilla extract
1 tsp. salt

Preheat oven to 350 degrees F.
Butter and flour two 8 inch cake pans.
Combine eggs, sugar, milk, vanilla extract, and butter. Beat until smooth.
Sift together the flour, salt, and cocoa powder.
Slowly add the sifted dry ingredients to the wet ingredients.
Mix until batter is smooth.
Pour the batter into the floured and greased cake pans.
Bake for 35 to 40 minutes.
Cool in pans on cooling rack for 30 minutes.
Ice cake with your favorite frosting.

7. Which text structure is used in the second half of the above recipe?

Ⓐ Cause and effect
Ⓑ Compare and contrast
Ⓒ Problem and solution
Ⓓ Sequence

8. If a title of an essay was "How I Spent My Summer Vacation," what type of writing would it be

Ⓐ Persuasive
Ⓑ Informative
Ⓒ Narrative
Ⓓ Poetry

DAY 2

CHALLENGE YOURSELF!

✔ Adding and Subtracting Fractions in Word Problems
✔ How is it Written?

🌐 www.lumoslearning.com/a/dc4-17

See the first page for Signup details

1. Solve $\frac{1}{2} \times 6 =$

Ⓐ $\frac{2}{6}$

Ⓑ $\frac{1}{3}$

Ⓒ 3

Ⓓ $\frac{3}{6}$

2. Solve $6 \times \frac{1}{4} =$

Ⓐ 2

Ⓑ $1\frac{1}{2}$

Ⓒ $\frac{4}{6}$

Ⓓ 3

3. Which of the following fractions represents the model below?

Ⓐ $\frac{4}{10}$

Ⓑ $\frac{14}{100}$

Ⓒ $\frac{7}{10}$
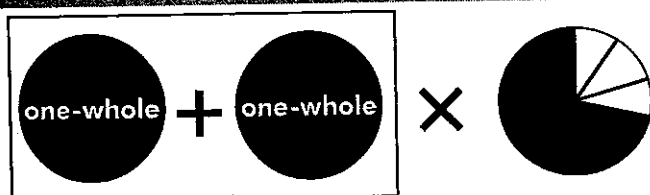
Ⓓ $1\frac{4}{10}$

4. Which of the following are equal to $5 \times \frac{2}{7}$? Select all the correct answers

Ⓐ $\frac{10}{7}$

Ⓑ $\frac{2}{14}$

Ⓒ $1\frac{3}{7}$

Ⓓ $\frac{2}{7} + \frac{2}{7} + \frac{2}{7} + \frac{2}{7} + \frac{2}{7}$

Read the passage below and answer the questions that follow.

The Parade: A Firsthand Account

When I got there I was dressed from head to toe in sparkly sequins and itchy tights, and I held my baton like a pro. I lined up with others in my squad and we began marching through the streets while the marching band played in front of us. I saw the crowds of people waving and smiling. At first, their happy faces made it seem less cold, but by the second mile the happy faces did not soothe the blisters on my feet. I threw my twirling baton into the air, and this time I did not catch it. In fact, when I turned to retrieve it, I tripped on the girl behind me and caused quite a situation. I was so embarrassed that I contemplated never showing my face again.

The Parade: A Secondhand Account

I read about the Thanksgiving parade in our school newspaper today. It was held downtown last Saturday morning to honor the American holiday that occurs every year on the third Thursday in November. There was a marching band, floats from all of the local businesses, a step team, a ballet studio, and baton twirlers. The temperature outside was forty five degrees, but the sun was shining brightly and helped warm over 600 people who came out to see the parade. All in all, the parade was a huge success, and the city plans to hold it again next year.

5. How is the focus of the firsthand account different from the secondhand account?

Ⓐ The firsthand account focuses on the parade itself, while the secondhand account focuses on the weather on the day of the parade.

Ⓑ The firsthand account has a wide focus that represents the parade as a whole, while the secondhand account is narrow and only talks about the crowd who attended the parade.

Ⓒ The firsthand account is more accurate, while the secondhand account is based on rumor.

Ⓓ The firsthand account focuses only on the personal experience of the speaker, while the secondhand account gives general information from the newspaper report about the parade.

6. How are the firsthand account and the secondhand account alike?

Ⓐ They both consider the parade a huge success.

Ⓑ They both give specific information about the number of people in attendance.

Ⓒ They both discuss the baton twirlers' sequin costumes.

Ⓓ They both discuss the weather, the marching band, the baton twirlers, and the crowd.

Ⓐ The firsthand account is more personal and includes the speaker's feelings about the parade, while the secondhand account is more objective and includes mostly facts about the parade.

Ⓑ The firsthand account includes more details about the parade, while the secondhand account is more of a broad summary.

Ⓒ The firsthand account is true, while the secondhand account gives false information.

Ⓓ The firsthand account discusses the origins of the parade, while the secondhand account is from a newspaper.

Read the text below and answer the question that follows.

In the United States today, we are starting to see more and more of a problem with children who are overweight. Doctors and even the President's wife are trying to do something about it. They are recommending healthier foods and that children get daily exercise. They recommend that children go outside and do things instead of sitting in front of the tv. They have suggested that children get at least an hour of exercise a day by doing things like jumping rope or cycling, or anything else that makes their heart beat faster. This kind of exercise is known as aerobic exercise. They also recommend that children do exercises that strengthen the bones and muscles. There are lots of ways children can do this. Running is one example.

Which style of narration is used in the above text? Explain.

DAY 3

CHALLENGE YOURSELF!

✔ Multiplying Fractions
✔ Comparing Different Versions of the Same Event

🌐 www.lumoslearning.com/a/dc4-18

See the first page
for Signup details

1. $7 \times \frac{1}{3} =$

Ⓐ $\frac{1}{21}$

Ⓑ $\frac{3}{7}$

Ⓒ $\frac{7}{22}$

Ⓓ $\frac{7}{3}$

2. Cook is making sandwiches for the party. If each person at a party eats $\frac{2}{8}$ of a pound of turkey, and there are 5 people at the party, how many pounds of turkey are needed?

Ⓐ 3 pounds

Ⓑ $1 \frac{1}{4}$ pounds

Ⓒ $2 \frac{1}{4}$ pounds

Ⓓ $\frac{4}{8}$ pounds

3. $\frac{1}{5} \times 7 =$

Ⓐ $\frac{7}{5}$

Ⓑ $\frac{5}{7}$

Ⓒ 35

Ⓓ $\frac{1}{7}$

4. Fill in the missing number to complete the equation. $\frac{1}{2} \times \underline{} = 4$

Read the passage below and answer the questions that follow.

There are four types of tissues that are created as cells join together and work as a group. Each type of tissue has a unique structure and does a specific job. Muscle tissue is made up of long, narrow muscle cells. Muscle tissue makes the body parts move by tightening and relaxing. Connective tissue is what holds up the body and connects its parts together. The bone is made up of connective tissue. Nerve tissue is made up of long nerve cells that go through the body and carry messages. Epithelial tissue is made of wide, flat epithelial cells. This tissue lines the surfaces inside the body and forms the outer layer of the skin. Groups of tissue join together to form the organs in the body such as the heart, liver, lungs, brain, and kidneys just to name a few. Then these organs work together to form the body systems. Each system works together, and with the other systems of the body.

Muscle Tissue	Connective Tissue	Nerve Tissue	Epithelial Tissue
- long, narrow cells	- holds up the body	- long cells	- wide, flat cells
- contracts and relaxes causing movement	- connects body parts together	- carries messages throughout the body	- lines inside surfaces
			- forms outer skin layer

How does the chart help the reader understand the functions of each of the four types of tissues?

Ⓐ It adds details not mentioned in the text so the reader can gather more information.
Ⓑ It elaborates on details mentioned in the text.
Ⓒ It changes some of the details mentioned in the text.
Ⓓ It clarifies the details mentioned in the text by categorizing them by tissue type.

Which types of tissue have similarly shaped cells?

Ⓐ epithelial tissue and connective tissue
Ⓑ muscle tissue and connective tissue
Ⓒ connective tissue and nerve tissue
Ⓓ muscle tissue and nerve tissue

To help the reader visualize what each tissue looks like, what would be the BEST visual aid to include with this text?

Ⓐ A drawing of the heart, liver, lungs, brain, and kidneys
Ⓑ A microscopic views of each type of tissue
Ⓒ A diagram of a nerve cell
Ⓓ A chart providing information about each type of tissue

Read the text below and answer the question that follows.

As we all know, there are maps of many kinds. Most of us are familiar with maps that show us location of places, such as the map of the United States. However, other maps show other things. A geological map show where rocks and faults are at, as well as their location in an area. Then the map has various colors to show different information. It also includes many symbols. The geological map helps us to understand the earth beneath us, so we can understand the world around us better.

Notice the shaded areas on this map taken from the US Geological Survey website. Each area is colored to match the type of geological unit (volume of a certain kind of rock of a given age range). For example, one area might be colored bright orange to show a sandstone of one age while another might be pale brown to show another sandstone of a different age.

The geologists name and define the geological units they find. They determine everything they do based on their findings of rocks and the ages of the rocks. These continue to change as more investigations are completed. The science of geology can be quite interesting.
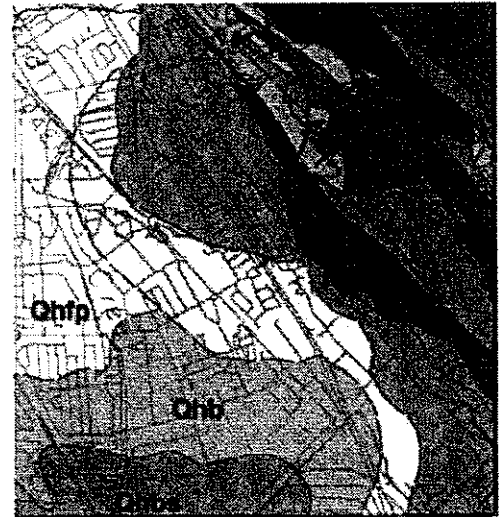
8. In reading about geological maps and comparing that information to the information you know about the map of the United States.
   Write a sentence in the box below explaining the differences in the types of maps.

CHALLENGE YOURSELF!

✔ Multiplying Fractions by a Whole Number
✔ Using Text Features to Gather Information

🌐 www.lumoslearning.com/a/dc4-19

See the first page for Signup details

Aimee is making treat bags for her Christmas party. She is going to put $\frac{2}{3}$ cups of mint M&Ms in each bag. She has invited 9 friends to her party. How many cups of mint M&Ms does she need for her friends' treat bags?

Ⓐ 5 cups
Ⓑ 6 cups
Ⓒ 4 cups
Ⓓ $5\frac{1}{2}$ cups

Aimee was making treat bags from Question #1, but then she decided to also include $\frac{1}{7}$ of a cup of coconut M&Ms in each bag. How many cups of coconut M&Ms does she need? (Remember that she has 9 friends.)

Ⓐ $4\frac{1}{2}$ cups
Ⓑ 4 cups
Ⓒ $3\frac{1}{3}$ cups
Ⓓ 3 cups

Aimee's mom bought palm tree bags to celebrate their move to Florida. This is their first Christmas in Florida. Each treat bag will hold one cup of treats. Aimee wants to use $\frac{2}{3}$ cup mint M&M's and $\frac{1}{2}$ cup coconut M&M's. Will Aimee be able to fit all of the M&Ms in each party bag for her friends?

Ⓐ Yes
Ⓑ No

John can paint $\frac{2}{5}$ of a table in 15 minutes. Jose can paint 8 times that amount in 15 minutes. How many tables can Jose paint in 15 minutes? Circle the correct answer.

Ⓐ $2\frac{3}{5}$
Ⓑ $\frac{1}{20}$
Ⓒ $3\frac{2}{5}$
Ⓓ $3\frac{1}{5}$

Read the passage below and answer the questions that follow.

The blue whale is quite an amazing creature. It is a mammal that lives its entire life in the ocean. The size of its body is also amazing. This whale can grow up to 98 feet long and weigh as much as 200 tons. It is the largest known animal to have ever existed. Its body is long and elegantly tapered, unlike other whales which have a rounder, stockier build. The way that they are built, along with their extreme size, gives them a unique look. It also gives them the ability to move gracefully at greater speeds. Normally they travel around 12 mph, but they slow to 3.1 mph when feeding. They can even reach speeds up to 31 mph for short periods of time! Although they are extremely large animals, they eat small shrimp-like creatures called krill. Since the krill are so small, the blue whale eats about four tons daily as they swim deep in the ocean.

Blue whales do not live in tight-knit groups called pods like other whales. They live and travel alone or with one other whale. While traveling through the ocean, they come to the top to breathe air into their lungs through blowholes. They come from under the ocean spitting water out of their blowholes. Then they roll and reenter the water with a grand splash of their large tails. They make loud, deep, and rumbling low-frequency sounds that travel great distances. This allows them to communicate with other whales as far as 100 miles away. Their cries can be felt as much as heard. This resonating call makes them the loudest animal on Earth. If you ever have the opportunity to see or hear a blue whale, it will be an experience you will not soon forget.

5. Which statement did the writer of this passage use to support his opinion that the size of blue whale's body is amazing?

Ⓐ The blue whale is quite an extraordinary creature.
Ⓑ Its body is long and elegantly tapered, unlike other whales which have a rounder, stockier body.
Ⓒ This whale can grow up to 98 feet long and weigh as much as 200 tons, making it the largest known animal to have ever existed.
Ⓓ Their build, along with their extreme size, gives them a unique appearance and the ability to move gracefully and at greater speeds than one might imagine.

6. What evidence does the author provide in the second paragraph that supports the fact that whales communicate with one another?

Ⓐ Blue whales live and travel alone or with one other whale.
Ⓑ They emerge from the ocean, spewing water out of their blowhole, roll over, and re-enter the water with a grand splash of their tail.
Ⓒ They make loud, deep, and rumbling low-frequency sounds that travel great distances, which allow them to communicate with other whales as much as 100 miles away.
Ⓓ Their cries can be felt as much as heard.

Read the passage below and answer the question that follows.

Dr. Johnson thinks that everyone should take responsibility for preserving the toad species. By not mowing certain areas of our lawns, special areas of wild grass can be kept for toads. This practice may help to preserve the species. According to Dr. Johnson, dangerous chemicals found in pesticides and fertilizers are the reason that the toads are disappearing. The chemicals affect the food chain and kill the insects that toads eat. Dr. Johnson believes that the toads can be saved if we keep a space in our yards and stop using chemical fertilizers.

What would be an appropriate title for the above text?

Ⓐ Please Stop Mowing Your Lawn
Ⓑ Don't Let Toads Disappear
Ⓒ Please Stop Using Fertilizers
Ⓓ Dr. Johnson and the Toad

Read the passage below and answer the question that follows.

In the United States today, we are starting to see more and more of a problem with children who are overweight. Doctors and other health care professionals are trying to do something about it. They are recommending healthier foods and encouraging children get daily vigorous exercise. They also recommend that children go outside and play instead of sitting in front of the tv. They have suggested that children get at least an hour of exercise a day by participating in activities like jumping rope, cycling, or basketball, movement that makes the heart beat faster. This kind of exercise is known as aerobic exercise. Something else they recommend is for children to do exercises that strengthen the bones and muscles. There are a lot of ways that children can do this. One way is running.

What is the main idea of the above text?

Ⓐ Doctors want you to move.
Ⓑ It is very important for kids to exercise daily.
Ⓒ Jumping and other activities help make bones strong.
Ⓓ Any physical exercise can help make the heart beat stronger.

TIPS FOR BEGINNING ROCK CLIMBERS

When it comes to sports, rock climbing may not be the most common.
However, it's a fun, challenging, creative sport and a great way to be active!
We've got great tips for novice to intermediate climbers: if you're still early in your rock climbing career, focus on these important areas to improve your skills.

1. Join a rock climbing gym.

Rock climbing gyms offer clinics, classes, and the opportunity to boulder. Bouldering is a form or rock climbing where the walls are much shorter. Bouldering allows you to climb safely over a stretch of cushioned mat with no harness or ropes.
The ability to "free" climb means that you are able to develop the muscles in your hands, arms, and shoulders more than you would with the help of a harness and rope.
It's important to learn to climb inside and outside of a harness, in order to develop these muscles to their full potential, and bouldering is the only way to achieve that safely.

2. Overcome the fear of falling.

Clearly, you don't want to fall on purpose. However, a trained instructor will be able to hold you safely in your harness so that the ropes will catch you if and when you do fall.
Inevitably, there will be a course where you are forced to rely on your instructor to reach a new height or reach further than you would be able to without a harness.
In moments like these, trust your instructor, and communicate with them so that they know when and how to support you.

3. Relax your arms.

It's a natural tendency to want to bend your arms and hold your upper body close to the wall.
However, doing this is typically a mistake, one that can make you tired much faster! Practice holding on tightly with your hands but relaxing your arms, keeping them straight and allowing the force of your grip to hold you rather than your biceps.
You won't tire out as quickly and you will be able to climb for much longer without the muscles in your arms cramping.

4. Strengthen your core.

The term "core" refers to your abdominal muscles. While you might think about the muscles in your arms and shoulders in relation to climbing, you don't want to neglect the muscles in your core.
Think of your core muscles like the bridge connecting your lower and upper body: if the bridge is weak, the two ends won't stay even with each other, and you may lose your grip or footing.
Having a strong set of core muscles means that you are able to hold your abdomen tight, keeping your lower body still while you reach for a ledge.
Perform abdominal exercises like crunches, v kicks, and planks to strengthen these muscles.

5. Learn how to use chalk properly.

Chalk is used in many sports to keep sweat at bay. Sweaty hands make climbing slippery and difficult, which makes many climbers prone to over-chalking their hands in an effort to not slip.

However, too much chalk can be just as bad as not enough. Be sure to use just enough chalk to remove extra sweat and moisture, but not so much that your hands are entirely caked.
Remember that you can always add more chalk as you go, but using too much chalk leaves extra on holds, and can make it harder for you to grip, rather than easier.

6. Nail the warm up.

Climbing takes a toll on a very specific group of muscles and tendons. Even though you use all of your muscles in climbing, the muscles in your upper body bear the brunt of the work!
Always start with a warm up, and don't rush it! Rushing through a warm up leaves you more likely to injure yourself, cramp, or tire faster than you would if your muscles are prepared to climb.
A good warm up includes exercises that gradually increase the circulation to your upper body: arm circles and upper body stretches are important to prime your body for climbing.

7. Focus on your weak side.

Most of us are left or right handed, and the dominant side of our bodies tends to be much stronger than the other. This muscle imbalance can make loving to the left more difficult to the right, or vice versa.
Work to strengthen both side of your body equaling by practicing climbs (while harnessed) that force to rely on your weaker side. This will help rebalance your strength and make you a more effective climber.
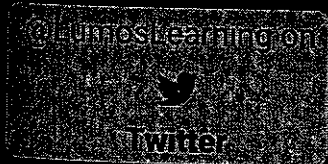
WEEK 5
SUMMER PRACTICE

10 TO 100 EQUIVALENT FRACTIONS

DAY 1

1. What fraction of a dollar is 6 dimes and 3 pennies?

- Ⓐ 0.63 or $\frac{63}{100}$
- Ⓑ 0.73 or $\frac{73}{100}$
- Ⓒ 0.53 or $\frac{53}{100}$
- Ⓓ 0.43 or $\frac{43}{100}$

2. 1 tenth + 4 hundredths = _____ hundredths

- Ⓐ 14
- Ⓑ 140
- Ⓒ 1400
- Ⓓ 104

3. 5 tenths + 2 hundredths = _____ hundredths

- Ⓐ 25
- Ⓑ 525
- Ⓒ 52
- Ⓓ 502

4. Match each fraction to its equivalent.

	$\frac{10}{100}$	$\frac{60}{100}$	$\frac{90}{100}$
$\frac{9}{10}$	○	○	○
$\frac{1}{10}$	○	○	○
$\frac{6}{10}$	○	○	○

Read the texts below and answer the questions that follow.

On the Trail: an Outdoor Book for Girls by Adelia Beard and Lina Beard

For any journey, by rail or by boat, one has a general idea of the direction to be taken, the character of the land or water to be crossed, and of what one will find at the end. So it should be in striking the trail. Learn all you can about the path you are to follow. Whether it is plain or obscure, wet or dry; where it leads; and its length, measured more by time than by actual miles. A smooth, even trail of five miles will not consume the time and strength that must be expended upon a trail of half that length which leads over uneven ground, varied by bogs and obstructed by rocks and fallen trees, or a trail that is all up-hill climbing.

How to Camp Out by John M. Gould

Think over and decide whether you will walk, go horseback, sail, camp out in one place, or what you will do; then learn what you can of the route you propose to go over, or the ground where you intend to camp for the season. If you think of moving through or camping in places unknown to you, it is important to learn whether you can buy provisions and get lodgings along your route. See some one, if you can, who has been where you think of going, [Pg 10]and put down in a note-book all he tells you that is important.

5. Which sentence below integrates information from the above texts?

Ⓐ Hiking over bogs or fallen trees is harder than hiking an even, clear trail.

Ⓑ You should talk to someone who has been where you plan to go so you can get information and tips that will be helpful in planning your camping trip.

Ⓒ Hiking over uneven land will take longer than going the same distance over flat land.

Ⓓ When planning a camping trip, it is important to plan by considering both the type of the trail you will travel and whether you will walk or ride on horseback.

6. Which paragraph below combines information from the above texts?

Ⓐ Camping is terribly difficult, and only true experts should try to camp overnight.

Ⓑ If you plan to camp somewhere you've never been, you should learn everything you can about the trail. Find out what the land is like and where you can buy supplies along the way.

Ⓒ Only boys can go on long camping trips across bogs or uneven land.

Ⓓ You should always take a notebook on your camping trips to write about your trip and draw pictures of plants and animals you see.

Ⓐ "Learn all you can about the path you are to follow."
"Learn what you can of the route that you propose to go over."

Ⓑ "So it should be in striking the trail."
"Think over and decide whether you will walk, go horseback, sail, camp out in one place, or what you will do..."

Ⓒ "A smooth, even trail of five miles will not consume the time and strength that must be expended upon a trail of half that length which leads over uneven ground..."
"... It is important to learn whether you can buy provisions and get lodgings along your route."

Ⓓ All of the above

Read the paragraphs below and answer the question that follows.

One Theory on Dinosaur Extinction

Have you ever thought about what happened to the dinosaurs that once roamed the Earth? Well, scientists have developed several ideas throughout the years. One idea is that a giant meteorite crashed into our planet and caused a huge dust cloud to cover the Earth. The dust cloud was so enormous that it kept the sun's rays from reaching Earth. This caused all of the plants to die. With nothing to eat, the herbivores died. The large carnivores also died, leaving the planet without dinosaurs.

Dinosaur Die-out: Competing Theories

There are many theories about how dinosaurs came to be extinct. Scientists do not all agree about what may have happened. The most recent idea says that a giant meteorite crashed into the earth. It kicked up enough dust and dirt that the Sun's rays did not reach Earth for a very long time. This prevented plants from making their own food via photosynthesis. Plant-eaters and then, meat-eaters died due to a lack of food.

The other leading idea says that dinosaurs died out when the Earth went through a time of volcanoes erupting. Like the meteorite idea, it is thought that the volcanoes spewed enough ash into the air that the Sun's rays were blocked. This also caused plant and animal life to die.

Ⓐ Dinosaurs are thought to have become extinct 65 million years ago, but some scientists theorize that they are still roaming remote parts of the Amazon Rainforest.

Ⓑ Dinosaurs became extinct because of widespread volcanic eruptions that blocked sunlight from reaching Earth. When this happened, plants died, beginning a disruption of the food chain that dinosaurs didn't survive.

Ⓒ One theory suggests a meteorite caused dinosaur extinction, while another claims widespread volcanic eruptions that caused the animals to die. Both theories, however, center around the idea that plants did not get needed sunlight and plant-eating and meat-eating animals died as a result.

Ⓓ None of the above

DAY 1

CHALLENGE YOURSELF!

✔ 10 to 100 Equivalent Fractions
✔ Integrating Information

🌐 www.lumoslearning.com/a/dc4-21

See the first page for Signup details.

1. Point A is located closest to _____ on this number line?

Ⓐ 0
Ⓑ 0.75
Ⓒ 0.25
Ⓓ -1

2. Convert $\frac{148}{1000}$ to a decimal

Ⓐ 0.148
Ⓑ 14.8
Ⓒ .00148
Ⓓ 0.0148

3. Where is Point D located on this number line?

Ⓐ -2.5
Ⓑ -2
Ⓒ -1.5
Ⓓ -3

4. Which of the following numbers are equal to $\frac{6}{10}$? Select all the correct answers.

Ⓐ 0.6
Ⓑ 0.06
Ⓒ $\frac{60}{100}$
Ⓓ 0.60

Choose the correct pronoun to complete the sentence.

Bobby and I have practice every day. The 7th graders practice first and their practice always runs long. I live closer but Bobby is on my team, so ___ walk to the games together.

Ⓐ I
Ⓑ we
Ⓒ us
Ⓓ they

Choose the correct pronoun to complete the sentence.

My father asked me to bring ___ book inside.

Ⓐ he
Ⓑ him
Ⓒ his
Ⓓ us

Choose the correct pronoun to complete the sentence.

I would like you to meet Jamie. ___ is my best friend.

Ⓐ He
Ⓑ Him
Ⓒ Its
Ⓓ Their

Choose the appropriate pronoun. Fill in the blank by choosing the correct answer from the options given below.

_____ have been going to school together since first grade.

Ⓐ Them
Ⓑ He
Ⓒ Him
Ⓓ They

DAY 2

CHALLENGE YOURSELF!

✓ Convert Fractions to Decimals
✓ Pronouns

🌐 www.lumoslearning.com/a/dc4-22

See the first page for Signup details.

COMPARE DECIMALS

1. Point B is located closest to ____ on this number line.

```
     A        B
<--+--•--+----•--+-->
   0     1     2
```

Ⓐ 1.75
Ⓑ 1.5
Ⓒ 2.25
Ⓓ 1.1

2. Compare the following decimals using < >, or =
0.05 ___ 0.50

Ⓐ 0.05 < 0.50
Ⓑ 0.05 = 0.50
Ⓒ 0.05 > 0.50

3. The rainbow trout dinner costs $23.99. The steak dinner costs $26.49. The roast chicken dinner is $5.00 less than $30.79. Which dinner costs the most?

Ⓐ rainbow trout dinner
Ⓑ steak dinner
Ⓒ chicken dinner

4. Match the number pair with the correct inequality sign.

	<	>	=
0.25 _ 0.39	◯	◯	◯
0.89 _ 0.890	◯	◯	◯
0.12 _ 0.21	◯	◯	◯
0.29 _ 0.28	◯	◯	◯

Choose the correct progressive verb tense.

Efrain, accompanied by his parents, _____ to Europe this summer.

- Ⓐ are traveling
- Ⓑ will be traveling
- Ⓒ was traveling
- Ⓓ is traveling

Choose the correct verb to complete the sentence.

Darrel and I _____ the football game with friends this Friday night.

- Ⓐ is attending
- Ⓑ am attending
- Ⓒ was attending
- Ⓓ will attend

Choose the sentence that has the proper progressive verb tense.

- Ⓐ Minnie, Jill, and Sandra are singing the birthday song to Ann right now.
- Ⓑ Bob, Jim, and Harry have played baseball next summer.
- Ⓒ One of my five hamsters might get out of the cage tomorrow night.
- Ⓓ Twenty-five dollars are too much to charge for that bracelet.

Which verb best completes the sentence?

Kenji and Briana _____ at recess when their parents pick them up for their doctor appointments.

- Ⓐ play
- Ⓑ will play
- Ⓒ will be playing
- Ⓓ were playing

1. What customary unit should be used to measure the weight of the table shown in the picture below?

Ⓐ pounds
Ⓑ inches
Ⓒ kilograms
Ⓓ tons

2. Which of the following is an appropriate customary unit to measure the weight of a small bird?

Ⓐ grams
Ⓑ ounces
Ⓒ pounds
Ⓓ units

3. Complete the following statement: A horse might weigh _____

Ⓐ about 500 pounds
Ⓑ about 12 pounds
Ⓒ about a gallon
Ⓓ about 200 ounces

4. Match each row with the correct conversion.

	4	5	6
360 min = ___ hr	○	○	○
500 cm = ___ m	○	○	○
240 sec = ___ min	○	○	○

Which sentences contains an auxiliary verb?

(1) Rae and her mother need to find a birthday gift for Rae's father, Joseph. (2) They discussed shopping online, walking to the store in their neighborhood, or going to the mall to find the gift. (3) Because Rae's mother suffers from arthritis, I don't think they will walk to the store to buy the gift. (4) They may decide it's most efficient to buy the gift online.

Ⓐ sentence 1
Ⓑ sentences 2 and 3
Ⓒ sentence 4
Ⓓ sentences 3 and 4

What is the purpose of the modal auxiliary verb, "may", in the sentence?

Oliver may go to school tomorrow if his fever has dissipated.

Ⓐ It is being used to express doubt.
Ⓑ It is being used to talk about a future event with uncertainty.
Ⓒ It is being used to talk about something that will definitely happen.
Ⓓ It is being used to talk about something that definitely will not happen.

Replace "can" with the correct verb in the sentence.

Liam can have taken the test before he went on vacation, but he did not inform his teacher about the trip in advance.

Ⓐ will
Ⓑ must
Ⓒ can't
Ⓓ could

What is the auxiliary modal verb in the sentence?

Dana had to leave the party when her mother called to inform her of an emergency at home.

Ⓐ called to
Ⓑ at
Ⓒ had to
Ⓓ will

DAY 4

CHALLENGE YOURSELF!

✔ Units of Measurement
✔ Modal Auxiliary Verbs

🌐 www.lumoslearning.com/a/dc4-24

See the first page for Signup details

1. Arthur wants to arrive at soccer practice at 5:30 PM. He knows it takes him 42 minutes to walk to practice from his house. Estimate the time Arthur should leave his house to go to practice?

Ⓐ 5:00 PM
Ⓑ 4:45 PM
Ⓒ 4:30 PM
Ⓓ 3:45 PM

2. A baseball game began at 7:05 PM and lasted for 2 hours and 38 minutes. At what time did the game end?

Ⓐ 9:43 PM
Ⓑ 10:33 PM
Ⓒ 9:38 PM
Ⓓ 9:33 PM

3. 4 feet and 5 inches is the same as

Ⓐ 48 inches
Ⓑ 53 inches
Ⓒ 41 inches
Ⓓ 65 inches

4. Sam was measuring out 6 cups of milk, but his measuring cup only measured 2 cups. How many times does he fill the measuring cup? Write your answer in the box below.

Identify the *adverb* used in sentence 2.

(1) Mary went to visit her grandmother last weekend. (2) She likes to visit her grandmother frequently. (3) While visiting, they enjoy walking. (4) They strolled in the beautiful park and talked. (5) Mary and her grandmother enjoyed their visit.

Ⓐ likes
Ⓑ visit
Ⓒ frequently
Ⓓ her

Identify the *adjective* used in sentence 4.

(1) Mary went to visit her grandmother last weekend. (2) She likes to visit her grandmother frequently. (3) While visiting, they enjoy walking. (4) They strolled in the beautiful park and talked. (5) Mary and her grandmother enjoyed their visit.

Ⓐ strolled
Ⓑ beautiful
Ⓒ park
Ⓓ talked

Identify an *adjective* in the below sentence.

Zelda and her family visited the Jackson Zoo last weekend although it was alarmingly cold and rainy.

Ⓐ last
Ⓑ although
Ⓒ and
Ⓓ cold

Fill in the blank using the correct adjective from the options given below.

It was determined that James was the _____ runner on our track team.

Ⓐ most fast
Ⓑ fastest
Ⓒ most fastest
Ⓓ faster

DAY
5

CHALLENGE YOURSELF!

✔ Measurement Problems
✔ Adjectives and Adverbs

🌐 www.lumoslearning.com/a/dc4-25

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Help the beautiful kite fly out of the maze.