Dear 6th grade parents,

We are excited to welcome your children to the middle school in September. Recently, they came over to the building for a "meet and greet" and learned what to expect within the first few weeks of school. They were given summer reading assignments for all core classes. To best prepare them for September please have him/her read for ELA 7 The One and Only Ivan by Katherine Applegate or The Underneath by Kathi Appelt and complete the reading questions for future assessment. For SS 7 read Woods Runner by Gary Paulson and take notes in preparation for a test. Complete the math packet which is your first grade of the year. Lastly, for science complete the research activity based on ELA book choice. Please utilize your local library or amazon for these books.

Looking ahead we have set up as a team a team 7 Remind tool. This is a free service that you and your child can subscribe to and receive daily messages (text/emails) regarding homework and important reminders. Please sign up as soon as possible as we will be sending extra credit challenges throughout the summer. Using your cell phone, text the following: @team7bkw to the phone number 81010. This will prompt you to enter your name to be part of this fabulous communication tool. This can be done from several cell phones for you and your child.

Enjoy your summer,

Team 7
ABOUT THE BOOK

Ivan, an adult male silverback gorilla, has been living in captivity for 27 years, most of that time on display at the Exit 8 Big Top Mall and Video Arcade, along with Stella, a wise older elephant, and Bob, a sassy stray dog. Julia, the janitor’s daughter, helps Ivan with his artistic efforts. But when Mack, the owner of the mall, introduces a baby elephant named Ruby, Ivan sees his captivity for what it is. Realizing that Ruby needs more freedom, Ivan assumes his rightful place as a leader and secures a better future for himself and his friends.

DISCUSSION QUESTIONS

1. What does Ivan mean when he says, “In my size humans see a test of themselves” (p. 4), and “I am too much gorilla and not enough human” (p. 7)? Why does the sign for the Big Top Mall show Ivan as angry and fierce? Why doesn’t Ivan express any anger in the beginning of the story?

2. What are the characteristics of Stella and Bob that make Ivan call them his best friends? Why is each of them important to Ivan? What do Ivan and Stella have in common? How are they alike, and how are they different? What does Stella mean when she says, “Old age is a powerful disguise” (p. 31)?

3. Discuss the special bond between Julia and Ivan. Why is she different from all the other children who come to see his shows? Why do people pay for Ivan’s drawings if they don’t recognize what he has drawn? Why is Ivan’s art important to Mack? Why is it important to Julia?

4. What is the importance of the television in Ivan’s cage? What does he learn from watching the television? Why does he like Westerns, and what does he learn from the nature shows? What do you learn from television? What would you say is the most important thing television has taught you?
DISCUSSION QUESTIONS (continued)

5. Why is Bob so independent? What makes him trust Ivan enough to sleep on Ivan's stomach? What events in Bob's life have shaped his personality? How does Bob's experience with humans compare to Ivan's?

6. Compare the personalities of Mack and George. How are they alike, and how are they different? What is the meaning of "family" to each of them? What are the contradictions in Mack's character?

7. What does Stella mean when she says, "A good zoo is how humans make amends" (p. 64)? What is the importance of the story that Stella tells about Jambo (pp. 63-66)? What does it tell us about gorillas? Compare that story to Ruby's story about the humans who rescued her in the jungle (pp. 101-104). What does this story tell us about some humans?

8. What is Ivan's initial reaction to the arrival of Ruby? Compare Ruby's arrival with that of a new baby in a human household. How does her arrival affect all the other animals at the mall? When and why do Ivan's feelings about Ruby change?

9. Why does Ivan promise Stella that he will take care of Ruby when he knows how hard it will be to keep that promise? How does Ivan know that Stella is gone before anyone else does?

10. Discuss the importance of memory in this story. How does Ivan's perception change when he begins to remember more of his own history? What are his most vivid memories? What was Ivan's name in the forest? Why is it important for him to remember his name and his life as a baby gorilla?

11. What is the turning point in the story? When does Ivan start to believe that he will be able to help Ruby, and perhaps himself as well? What events come together to change Ivan's acceptance of the situation and to help him grow into his own strength and wisdom? How do you know he is changing?

12. How does Julia convince her father that Ivan's picture has a very important meaning? Why does George agree to help Julia display Ivan's art on the billboard, even though he knows it might cost him his job? Discuss the meaning of the word "principle."

13. Why is Ivan reluctant to join the other gorillas when he arrives at the zoo? How does he learn to be a true gorilla? What does he need to do to be accepted by the others? How do you feel when you are in a situation with other children you don't know?

14. Discuss the theme of belonging in this story, from the point of view of each of the characters. What is the meaning of belonging for each of them? What does the idea of belonging mean to you?
1. Grandmother Moccasin and her daughter Night Song are lamia, half-serpent and half-human. Hawk Man is also an "animal of enchantment" [page 61], having been a bird before turning into a man. If you could be a shape-shifter, which animal would you choose to become? What do you think of the shape-shifter rule: "Once a creature of enchantment returns to its animal form, it cannot go back" [page 47]? If you were Hawk Man or his daughter, would you have become an animal again, even if it meant you could never return to your human form?

2. Until he meets Mama the calico cat, Ranger the bloodhound doesn't realize how lonely he is; Ranger muses that when Mama found him, he "didn't know that he needed to not be so solitary until at last he wasn't." [page 30]. What are the differences between being alone, and being lonely? Is it possible to be lonely even when you're surrounded by people?

3. Abused as a child and later abandoned by his father, Gar Face the trapper lives in a world of anger, and his drinking only deepens his hatred. Does anything make Gar Face happy? If so, what is it? Even though he does evil things throughout the book, do you think he deserved to die in the jaws of the Alligator King?

4. When an author assigns human characteristics to non-human beings, this is called anthropomorphism. What are some examples of anthropomorphism in the book? In real life, do you think plants or animals have feelings like human beings do?

5. Sabine the kitten is named for the Sabine River that feeds the Bayou Tartine. Her brother's name is the same as the playful character in Shakespeare's play, A Midsummer Night's Dream -- Puck is a mischievous spirit who often gets into trouble. What do the names of some the characters in The Underneath -- like those of the kittens, Gar Face, Ranger, Night Song -- reveal about their personalities? Does your name have a special origin, or are you named for a family member? How does your name reflect who you are?

6. Ranger, Mama, Sabine, and Puck refer to themselves as a family. What makes a family? Does a family only consist of parents, children, and relatives? Describe your own family -- does it include people who aren't related to you?

7. When Puck gets lost in the forest after his mother drowns, he has to learn to
hurt in order to eat. Sabine realizes she needs to go out from "the underneath" so she can find food for herself and Ranger, a job that Mama performed. These are just two ways that the kittens have to grow up -- what are other examples?

8. Hawk Man, having turned back into a bird in order to find his daughter, spies Puck lost and hungry in the woods, and drops a mouse from the sky for Puck to eat. Name some other acts of kindness from the story.

9. As Gar Face captures Sabine in the yard, Ranger goes wild with fury and lunges at Gar Face, knocks him down, and bites him on the leg -- allowing Sabine to escape. Were you surprised at Ranger's reaction? Why didn't Gar Face expect that Ranger might behave this way?

10. "You have to go back for your sister. If something happens to me, promise you'll find her," [page 77]. Did you think that Puck would be able to keep this promise to his mother? Talk about some other promises made by characters in the novel; were they kept? How, and at what cost?

11. Music plays a big role in the book, from the blues songs that Ranger boys into the moonlight to the enchanting lullabies of Night Song. Discuss music and what it means in the story. How does music help some of the characters?

12. Talk about Grandmother Moccasin. Do you think she was selfish for not telling Night Song about the rule that shape-shifters can't go back to their human form once they become an animal? Did she deserve to be imprisoned in the jar for so long? What is the lesson she learns after she's finally freed?

13. One of the novel's main themes is loss. Which of the characters have lost something, and what did they lose? Do the characters who suffer loss eventually find something new to take the place of what is gone?

14. When children don't obey to their parents in The Underneath, bad things happen. Who were the characters who didn't listen to their parents? What were the consequences of their disobedience? Did these characters learn from their mistakes?

15. Dogs and cats are supposed to hate each other, yet Ranger and Mama become close friends. Discuss their unlikely friendship -- what were some of the things they have in common? What are other unusual friendships portrayed in the book? Do you have a friend who, on the surface, seems like someone you wouldn't ordinarily like? Why do you get along with this person?
Science 7 Summer Research Choices

*Choose 1 from below

1. If you read *The One & Only Ivan* by Katherine Applegate research the Silverback Gorilla and the African Elephant. For each animal describe physical characteristics, habitat, diet, and social behaviors. Compose a 2 paragraph essay with "evidence" cited correctly and provide a list of your sources.

2. If you read *The Underneath* by Kathi Appelt research the setting which is in the marshy swampland and deep forests of Texas's bayou region. In what parts of the world do bayous exist? What kinds of plants and animals live in bayous? How are bayous similar and different from other ecological environments? Research bayous and their ecosystems and prepare a 2 paragraph essay with "evidence" cited correctly and provide a list of your sources.

- Remember it is important to list your sources and cite your evidence. Plagiarism will result in a zero as we want your own 7th grade work and words! Have fun researching!
"Communications" and Chapter 2

Chapter 2: "Letters and Chapter 3"

In Chapter 2, letters and Chapter 3

"Communications" and Chapter 2

"Communications" and Chapter 3

Wright

Interview about aircraft with a day boy

some men traveled without travel papers on foot

were drafted to least five or six days

paper on person to person, travel of

information in these years. Information

dependable way to communicate

According to the notification article,

other riders

and asked him to share the news with

even the boy who had read along the way

though, "the family told him of other

was passed from all the hands to had passed

family who passed a scrap of paper. soft

people happened and go back

held on the detailed British soldiers. The

Concern, Manchester, whose militia had

England showed a flight in Lexington and

former carried information tosmiles.

In Chapter 2, letters and Chapter 3

"Communications" and Chapter 2
Summer Math Prep-Packet
for 6th Graders Going into 7th

Mr. Miedema

Due Monday, September 11, 2017 and counts as the first test grade of the 1st quarter of 7th grade.

Dear Parents/Guardians & 2017-18 Seventh Grade Students,

It is very important for 6th grade students to keep the skills they developed throughout their elementary school years strong over the summer prior to 7th grade. In 7th grade we apply all decimal and fraction skills to the rules of their negative counterparts as well as to algebra without a calculator, therefore these skills need to be in tip top shape! Completing this packet on those rainy summer
days with NO CALCULATOR will help students be much better prepared for the transition into middle school math. Please email me with any questions or concerns. I will be checking my email weekly throughout the summer.

Cmiedema@bkw.schoo;ls.org

I am looking forward to a great 2017/2018 school year with you as you cross the parking lot to your new adventure in middle school. Have a great summer!

Sincerely,

Mr. Miedema  7th Grade Math Teacher
Directions:

1) Complete this packet, showing all work and DO NOT USE A CALCULATOR. You won’t get the skill practice you need in order to be ready for 7th grade math if the calculator does the work.

2) Have your parent or guardian fill in and sign the declaration at the bottom of this page.

3) Use www.baamath.com or www.teachertube.com if you need help.

4) Hand this entire packet in to Mr. Miedema no later than class on Monday, September 11, 2017

Student Name: __________________________

My child completed this packet without using a calculator:

_________________________  _________________
Parent/Guardian Signature  Parent/Guardian e-mail Address
1. A prospector found \( \frac{2}{3} \) of an ounce of gold. He plans on keeping half and selling half. How big is each half?

*Make sure your answer is reduced to lowest terms!*

\[
\text{Answer: } \frac{\phantom{0}}{\phantom{0}} \text{ ounce}
\]

2. [ ] What decimal value would equal "three tenths" plus "four tenths"?
   A. 0.07
   B. 0.007
   C. 0.34
   D. 0.7

3. $\quad$ Elisa needs $2.75 for the book she wants to buy at the book fair. Right now she has $1.50. How much more money does Elisa need?

\[
\text{Answer: } $ \phantom{000}
\]

4. [ ] $\quad$ Jared found $5.50 while cleaning his room. His brother, Martin, found $3.75 in his room. What was the total amount of money they found?
   A. $1.75
   B. $8.25
   C. $9.25
   D. $10.75
5. Add: $0.6 + 0.15 + 0.03 = \underline{\hspace{2cm}}$

6. Tanya’s team ran the relay race in 65.9 seconds. Grant’s team ran the race in 65.4 seconds. How much \textit{faster} was Grant’s team?

   Answer: \underline{\hspace{2cm}} \text{second(s)}

7. Subtract: $4.7 - 3.2 = \underline{\hspace{2cm}}$

8. What number is seven tenths larger than two and nine tenths?
   A. 9.9
   B. 3.6
   C. 2.97
   D. 2.16

9. Find the sum of: 23.42 and 5.9
   A. 17.52
   B. 24.01
   C. 29.32
   D. 82.42

10. The world’s heaviest snake is an Anaconda that measured 27.75 feet long. The world’s longest snake is a python that measured 28.5 feet long. What is the difference in length of the two snakes?

   Answer: \underline{\hspace{2cm}} \text{feet}
11. The table shows the total points for platform diving scores for women for the past 4 Olympic games:

<table>
<thead>
<tr>
<th>Year</th>
<th>Diver</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1992</td>
<td>Fu Ming-Xia, China</td>
<td>461.43</td>
</tr>
<tr>
<td>1996</td>
<td>Fu Ming-Xia, China</td>
<td>521.58</td>
</tr>
<tr>
<td>2000</td>
<td>Laura Wilkinson, US</td>
<td>543.75</td>
</tr>
<tr>
<td>2004</td>
<td>Chantelle Newberry, AUS</td>
<td>590.31</td>
</tr>
</tbody>
</table>

What is the difference between the highest and lowest scores?

A. 131.12
B. 128.88
C. 129.92
D. 1,051.74

12. What is the result when eighty-eight hundredths is subtracted from nine?

Answer: ___________

13. The Ortiz family drove 425.8 miles on Monday, 375 miles on Tuesday, and 487.5 miles on Wednesday to arrive on vacation in New Orleans. What was the total number of miles that they drove in the three days?

A. 940.8
B. 950.8
C. 1,283.8
D. 1,288.3

14. Subtract: 145.67 - 33.5

A. 112.17
B. 142.32
C. 172.17
D. 179.17
15. □ Which sum below is equal to 22.49?
   A. 3.4 + 14.27 + 0.02
   B. 6.6 + 12 + 4.19
   C. 7 + 14.89 + 0.6
   D. 5.9 + 17.47 + 12

16. □ What is the result when the sum of 45.67 and 19 is subtracted from 125.25?
   A. 79.39
   B. 77.68
   C. 61.42
   D. 60.58

17. □

Glenn went with his mother and father to the movies. His ticket cost $5.50, and his parents' tickets cost $8.50 each. Glenn's father gave the cashier $25.00. How much change did he receive?

Answer: $□□□

18. □ What is the perimeter of the rectangle?

\[
\text{Perimeter} = 2(17.8 \text{ ft}) + 2(5.82 \text{ ft})
\]

A. 152 ft
B. 94.48 ft
C. 47.24 ft
D. 23.62 ft
19. Ms. Jasper needed to get the oil changed in her car. She went to Speedy Change, and her bill is shown below:

<table>
<thead>
<tr>
<th>Service</th>
<th>Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil change</td>
<td>$25.95</td>
</tr>
<tr>
<td>Windshield wiper replacement</td>
<td>$12.59</td>
</tr>
<tr>
<td>Air filter</td>
<td>$8.99</td>
</tr>
</tbody>
</table>

Total

Ms. Jasper paid with a $50.00 bill. What was her change? [Don’t worry about sales tax.]

A. $2.43  
B. $17.57  
C. $24.01  
D. $47.57

20. What is the perimeter of the parallelogram?

![Parallelogram]

A. 17.11 in  
B. 17.65 in  
C. 34.22 in  
D. 35.30 in
21. [ ] Find the perimeter of the hexagon.

![Hexagon Diagram]

A. 23.94  
B. 35.34  
C. 63.96  
D. 95.40

22. [ ] What number is "six-hundred twenty seven thousandths" smaller than "five and eight tenths"?

A. 5.173  
B. 5.227  
C. 5.69  
D. 6.427

23. [ ] The Roberts' family has 33 compact discs. Mrs. Roberts bought CD racks that hold only 10 compact discs each. What portion of rack space do the compact discs take up?

A. \( \frac{2 \frac{3}{10}}{} \)  
B. \( \frac{1 \frac{1}{10}}{} \)  
C. \( \frac{3 \frac{2}{10}}{} \)  
D. \( \frac{10}{33} \)

24. Write the fraction that would represent the number of vowels in the word BEAUTIFUL.

Answer in simplest form.

Answer:  

[Blank Space]
25. What fraction of the hearts is not shaded?

Answer in simplest form.

Answer:

26. On a spelling quiz with ten questions, Jeremy got 3 answers wrong. What will his grade look like when written as a fraction?

Answer in simplest form.

Answer:

27. What fraction of the days of the week begin with the letter "T"?

Answer in simplest form.

Answer:
28. A large pizza pie has 12 slices. The pie is split evenly with sections of pepperoni, mushrooms, sausage, and olives. What fraction of the pie is pepperoni?

Answer in simplest form.

Answer: 

29. A bag of licorice contains 10 pieces. Johnny and Crystal split the licorice evenly. What fraction will they each receive?

A. \( \frac{1}{3} \)
B. \( \frac{2}{3} \)
C. \( \frac{1}{2} \)
D. \( \frac{1}{4} \)
30. Here are the results from a survey of 100 people and their favorite ice cream:

<table>
<thead>
<tr>
<th>Favorite Ice Cream</th>
<th>Number of People</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vanilla</td>
<td>40</td>
</tr>
<tr>
<td>Chocolate</td>
<td>30</td>
</tr>
<tr>
<td>Strawberry</td>
<td>10</td>
</tr>
<tr>
<td>Mint Chocolate Chip</td>
<td>15</td>
</tr>
</tbody>
</table>

In simplest terms, what fraction of the people surveyed like Mint Chocolate Chip Ice Cream the best?

A. $\frac{25}{100}$  
B. $\frac{15}{100}$  
C. $\frac{3}{20}$  
D. $\frac{1}{4}$

31. 

Amy loves chocolate. She bought a bar with 12 pieces. After lunch, Amy ate the whole candy bar. What fraction would show that Amy ate the entire chocolate candy bar?

A. $\frac{1}{12}$  
B. $\frac{12}{12}$  
C. $\frac{11}{12}$  
D. $\frac{7}{12}$

32. What is the product of the factors 11.5 and 0.18?

Answer: [Blank]
33. Find the product of 4.392 and 0.65.
   A. 2814.80
   B. 479.12
   C. 2.8548
   D. 2.19600

34. Charles wants to change \( \frac{51}{7} \) to a mixed number. What operation(s) does Charles have to use?
   A. + and –
   B. + and ×
   C. + only

35. In her math notebook, Darlene wrote down the steps for writing a mixed number from an existing improper fraction, but she mixed up the order. Here is what she wrote:

   | I | Write the divisor as the denominator. |
   | II | Divide the numerator by the denominator. |
   | III | Write the remainder as the numerator. |
   | IV | Write the quotient as a whole. |

Help Darlene to put the steps in the right order.

   A. II, IV, III, I
   B. IV, I, III, II
   C. III, II, IV, I
   D. IV, III, II, I

36. Round \( \frac{16}{5} \) to the nearest whole number.

   Answer: [ ]
37. Answer T for True or F for False:

The least common multiple of two or more numbers is the least nonzero number that is a multiple of each number.

Answer: 

38. The least common multiple can also be called:
   A. GCF
   B. LCD
   C. LCM
   D. CM

39. List the first 5 multiples of 3, in order from least to greatest.

Multiples of 3: 

40. What is the least common multiple of 3 and 6?
   A. 18
   B. 6
   C. 3
   D. 24

41. The LCM of 4 and 5 is.

42. The least common multiple of 3 and 8 is
   A. 24
   B. 8
   C. 3
   D. 0
43. Bobby went to the store to buy the same number of blank CDs and cases. The CDs are only sold in packages of 4, while the cases are sold 6 in a package. What is the least number of CDs and cases that Bobby must buy?

Answer: 

44. The denominators of \( \frac{11}{12} \) and \( \frac{3}{4} \) are 12 and 4. What is the least common multiple of 12 and 4?
   A. 4
   B. 12
   C. 24
   D. 48

45. The greatest common factor is:
   A. the largest whole number which is a factor of both numbers.
   B. a whole number which has exactly two factors.
   C. the least number other than zero that is a multiple of each of two or more numbers.
   D. the least common multiple of the denominators of two or more fractions.

46. The greatest common factor can also be called:
   A. LCM
   B. LCD
   C. GCF
   D. FCC
47. Miguel is making a chart of factors. Help Miguel to complete the chart by filling in the missing factors, in order of least to greatest.

<table>
<thead>
<tr>
<th>Number</th>
<th>Factors</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>1, 2,</td>
</tr>
<tr>
<td>10</td>
<td>1, 2,</td>
</tr>
</tbody>
</table>

48. The greatest common factor of 12 and 6 is:
   A. 5  
   B. 6  
   C. 3  
   D. 4

49. Use the GCF of 8 and 20 to reduce the fraction \( \frac{8}{20} \) to simplest form.

Answer: 

50. Nadia is making a list of the factors of 36. What factor is missing from her list?

   1, 2, 3, 4, 6, [_______], 12, 18, 36

51. Holly needs to reduce \( \frac{3}{9} \) to simplest form. What factor should she use?
   A. 6  
   B. 9  
   C. 3  
   D. 12

52. The GCF of 10 and 7 is [_______].