

Dear Incoming 6th Graders,

Attached you will find the ELA summer assignment. It is extremely important to read frequently this summer, and to read a variety of genres and topics.

This summer, please read *Number the Stars* by Lois Lowry. After reading, complete two activities from the six on the given choice board. You have the option of completing a family tree, a travel diary, a venn diagram, a storyboard, a travel brochure, or a timeline. Be creative!

In addition to the novel reading assignment, complete pages to review grammar skills. You should keep consistent with skills including sentence structure, subject and predicate, fragments, and run on sentences.

Your Math summer assignment is also important. It will be completed on the assigned worksheets. **Complete and show all work . All math must be done in pencil!** The work must be brought to school on the first day and will count as your first grade in Trimester one. If there is no work shown, you will not receive full credit for the question. When school begins in September, we will spend time learning new mathematical concepts that build on what you already learned in fifth grade. Fact fluency is essential in 6th grade and helps learning new concepts easier. Please spend time practicing your multiplication and division facts daily.

Finally, students will have access to the iReady program for the first half of the summer. Students are able to log on to complete lessons on My Path, but this is *optional*.

Enjoy your summer, enjoy reading, and we are looking forward to seeing you in a couple months!

Sincerely,
6th Grade Teachers

6th Grade Supply List
(please label ALL supplies)

5 marble notebooks
1 package looseleaf
3 one-subject spiral notebooks for ELA
6 plastic 2-pocket folders- assorted colors
3 boxes Sharpened Ticonderoga pencils
2 Mini pencil sharpeners
2 large zippered pencil pouches
1 pack of colored pens- can be assorted (not blue or black)
1 pack markers
1 pack of 24 crayons
1 12 pack of colored pencils
1 Sharpie- fine point
2 black flair pens **or** 2 ultra fine sharpie markers
2 highlighters
2 large glue sticks
1 calculator- TI 30XA
3 packs index cards
1 pair scissors
1 ream copy paper
1 package construction paper
1 container of disinfectant wipes
5 boxes of tissues
2 rolls of paper towels
1 Box Gallon Size Ziploc Bags
Percy Jackson and the Olympians The Lightning Thief By Rick Riordan
Earbuds/headphones
Rosary Beads
Ziplock bags

Specials

Spanish/English dictionary
8x11 sketch book with no lines for Art

****KEEP SPANISH NOTEBOOK FROM THIS YEAR TO USE- if you are close to the end of it,
please purchase an additional marble notebook*****

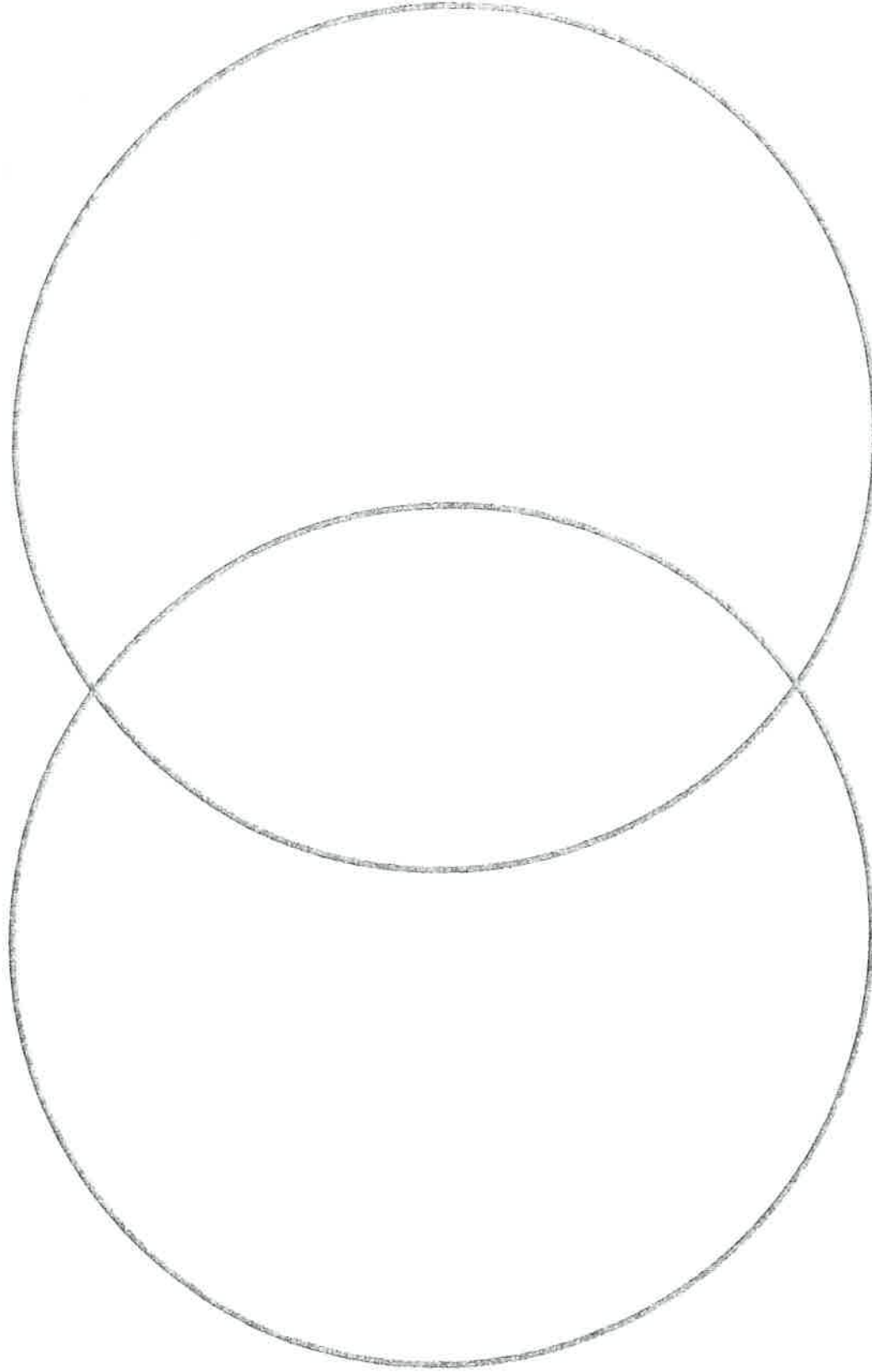
Summer Reading Assignment

Read *Number the Stars* by Lois Lowry

Complete 1 activity from each row on the choice board. Color the boxes of the activities that you have completed and submit the choice board with your summer work products. Follow the instructions for completing each activity.

Row 1	Create a Venn diagram comparing and contrasting Annemarie and Ellen. Write a two paragraph response explaining their similarities and differences. Venn Diagram should be done on a piece of 8.5x11 paper	Write a paragraph explaining the theme of the novel. Make sure to provide text evidence to prove your point.	Write a paragraph about what you think might happen to Ellen and her family next. Will they stay in Sweden? Will she ever see Annemarie again?
Row 2	Create a new book jacket for the novel. Your cover must look different from the original. Don't forget to include a short summary about the book on the back of the jacket.	Create a map showing the following places: Copenhagen, Gillejeje, Uncle Henrik's house, Sweden, the Baltic Sea, Annemarie's house, Kronberg Castle, and the button shop. Map should be done on a piece of 8.5x11 paper	Create an acrostic poem using the word "Bravery"
Row 3	Create a quote quilt by folding a piece of 8.5x11 paper into 4 sections. Write 1 important quote in each part. On the back, explain why each quote is so important.	Create a poster advertising the book. Poster should be done on a piece of 8.5x11 paper	Choose a setting from the novel and create a bookmark that goes along with the setting. On the back, explain the importance of the setting.

Venn Diagram, 2 Circles



Name _____

A sentence is a group of words that expresses a complete thought. A sentence contains a subject (the person, place, or thing) and a predicate (a fact about the subject).

Directions: Label each sentence with a C for a complete sentence and I for incomplete sentence.

1. A flock of sparrows rose from the flowering thicket.
2. The musical but high-pitched laugh of the actress.
3. Two attempts at winning the election.
4. Kathryn wrote clues for the scavenger hunt.
5. Tinkling notes of small bronze bells.
6. I spotted a figure moving through the empty house!
7. Someone should help Louis with his graphics program.
8. About the worst day in my diary.
9. A distinguished gentleman with a bowler hat and a cane.
10. All the postmasters had assembled.
11. On an unusual day with no wind.
12. The water of the Dead Sea is salty enough to keep you afloat on its surface.

Name _____

Sentences that contain too many ideas to be clearly understood must be divided.

Correct the following run-on sentences on a separate sheet of paper.

1. A camel is a large desert animal it can travel long distances.
2. Camels can survive with little food or water they draw on the reserve in their "storage tank" for energy.
3. The camel's hump is a "storage tank" it stores water, not fat.
4. Some camels have one hump and some have two it depends on what type of camel they are.
5. The Arabian camel has one hump the Bactrian camel has two humps.
6. Some Arabian camels, called dromedaries, are used for riding and racing, they can travel about ten miles an hour and about one hundred miles a day.

Name _____

Directions: Put the correct punctuation next to the sentence.

1. Hurry The bacon is burning
2. Where is the girls' softball team playing
3. How many pretzels have you eaten
4. What a nice surprise this is
5. Many sheep are raised in Ireland
6. Do you know how a badger got its name
7. We will make spinach lasagna
8. Can you name the largest insect in the world
9. Look out the window at the snow
10. From whom did the United States purchase the Louisiana Territory
11. What a silly joke I heard
12. What does a milliner make
13. The geranium is hardly a plant
14. What a convincing argument Tanya made for a bigger allowance
15. Where is the statue of liberty located

Name _____

Directions: On a separate piece of paper, re-write the sentences using correct capitalization.

1. a swedish student is visiting the smiths.
2. florida is one of the states in the united states.
3. i want to borrow *number the stars* by lois lowry.
4. twelve jesters twirled in front of king charles.
5. the lincoln memorial is in washington, dc.
6. this summer i'll be pitcher for the lightning.
7. during the civil war, the two johnson brothers fought on opposite sides.
8. the message in the bottle is signed, kim poe, usa.
9. duluth is an important city on lake superior.
10. the computer tutor in franklin hall is william jones.
11. you'll have to make up the missed work by monday.
12. theresa will move to locust avenue in august.

Name _____

Sixth Grade Suggested Reading List

We encourage all students to read a variety of materials this summer.

Fiction

- Avi: Poppy
- Burnett: The Secret Garden
- Byars: Summer of the Swans
- Clark: The Secret of the Andes
- Clements: Frindle
- Colfer: Artemis Fowl
- Creech: Absolutely Normal Chaos
- Creech: Walk Two Moons
- Curtis: The Watsons go to Birmingham
- Cushman: Catherine, Called Birdy
- Dahl: James and the Giant Peach
- DeAngeli: The Door in the Wall
- Dorris: Sees Behind Trees
- du Bois: The Twenty-One Balloons
- George: My Side of the Mountain
- Gibson: The Miracle Worker
- Gilbreth: Cheaper by the Dozen
- Giff: Lily's Crossing
- Gipson: Old Yeller
- Hesse: The Music of Dolphins
- Hesse: Out of the Dust
- Jiang: Red Scarf: A Memoir of the Cultural Revolution
- Konigsburg: The View from Saturday
- L'Engle: A Wrinkle in Time
- Lewis: Chronicles of Narnia Series
- Lowry: See You Around, Sam
- Lowry: The Giver
- Montgomery: Anne of Green Gables
- Morey: Kavik the Wolf Dog
- Patterson: The Great Gilly Hopkins
- Patterson: Jacob Have I Loved
- Peck: A Long Way from Chicago

- Pullman: The Golden Compass
- Rawls: Where the Red Fern Grows
- Rowling: Harry Potter Series
- Sachar: Holes
- Saint-Exupery: The Little Prince
- Snicket: A Series of Unfortunate Events

Nonfiction

- Ardley: Music (eyewitness)
- Bachrach: Tell Them We remember: The Story of the Holocaust
- D'Aulaire: D'Aulaire's Book of Greek Myths
- Driscoll: A Child's Introduction to Poetry
- Fritz: Around the World in a Hundred Years From Henry the Navigator to Magellan.
- Mah: Chinese Cinderella: The True Story of an Unwanted Daughter.
- McKissack: Black Diamond: The Story of the Negro Baseball Leagues.
- Stanley: Michelangelo
- Thimmesh: Team Moon: How 400,000 People Landed Apollo 11 on the Moon
- Swanso: Chasing Lincoln's Killer
- Back From The Brink. ...
- Crash : The Great Depression And The Fall And Rise Of America. ...
- Higher, Steeper, Faster : The Daredevils Who Conquered The Skies. ...
- Speaking Our Truth : A Journey Of Reconciliation.

Our fifth graders had a busy year learning new math skills. Mastery of all these skills is extremely important in order to develop a solid math foundation. The 6th grade math program will add and build on these fifth grade skills. Any time spent reinforcing these concepts will be very beneficial for your child. Each year builds upon the previous year's skills in math. Student mastery of the basic math skills is as important to success in future mathematical procedures and reasoning as learning the alphabet is to reading and writing.

Please Complete the attached pages. If there is not enough room, please complete it on a sheet of looseleaf and attach it to the packet. Please copy the original problem down. Do not save this all for the last minute. Complete a little each week so as to not feel overwhelmed the last days of summer. This packet will be due on the first day of school and will count as your first grade of the trimester. If there is no work shown, you will not receive full credit for the question.

******Practicing multiplication and division facts (up to 12) is VERY important. Students need to know all their multiplication and division facts to have a productive and successful 6th grade math experience.******

Have a great summer and see you in September.

Mrs. Schneider

6th Grade Math Packet 2024

Name: _____

Multiplying Whole Numbers

1. Write the problem vertically
2. Multiply the ones digit of the bottom number by each of the digits in the top number, right to left
3. Bring down a zero and then multiply the tens digit of the bottom number by each digit in the top number, right to left
4. Bring down two zeros and repeat with the hundreds digit of the bottom number
5. Add up all of the products

ex: $3,481 \times 142$

$$\begin{array}{r} ^1 ^3 \\ 3,481 \\ \times 142 \\ \hline 6962 \\ + 139240 \\ + 348100 \\ \hline \boxed{494,302} \end{array}$$

Dividing Whole Numbers

1. Write out the long division problem with the first number (dividend) underneath the division symbol and the second number (divisor) to the left of the division symbol
2. Divide the divisor into the smallest part of the dividend it can go into and write the number of times it can go in on top of the division symbol
3. Multiply the number on top by the divisor and write the product under the number you divided into in step 2
4. Subtract your product from the number above it
5. Bring down the next digit of the dividend
6. Repeat steps 2-5 until there is nothing left to bring down.
7. If your last subtraction answer is not zero, write the remainder on top

ex: $6,425 \div 21$

$$\begin{array}{r} \boxed{305 \text{ R } 20} \\ 21 \overline{) 6425} \\ \underline{-63} \\ 12 \\ \underline{-12} \\ 0 \\ \underline{-12} \\ 20 \end{array}$$

Find each product. Show your work.

1. 238×5

2. 832×156

3. $4,899 \times 67$

4. 756×300

5. 19×863

6. 188×732

7. $3,249 \times 173$

8. 609×840

Find each quotient. Show your work.

9. $876 \div 2$

10. $9,473 \div 5$

11. $396 \div 24$

12. $8,911 \div 45$

13. $700 \div 12$

14. $1,065 \div 15$

15. $2,737 \div 305$

16. $4,516 \div 22$

Solve each problem, showing all work.

17. Mrs. Kleim bought 5 boxes of 15 pencils to give to her students. If she has 26 students in her class, how many pencils can she give each student? How many pencils will she have left over?

18. Sarah and her 3 friends split a bag of candy evenly. They each ate 13 pieces of candy and there were 2 pieces leftover. How many pieces of candy were originally in the bag?

Adding & Subtracting Decimals

1. Write the problem vertically, lining up the decimal points
2. Add zeros, if necessary
3. Add or subtract the numbers as if they were whole numbers
4. Bring the decimal point straight down

ex: $12.8 - 1.52$

$$\begin{array}{r} 12.\overset{7}{8}\overset{1}{0} \\ - 1.52 \\ \hline 11.\underset{1}{2}8 \end{array}$$

Multiplying Decimals

1. Write the problem vertically with the numbers lined up to the right (decimals do NOT need to be lined up)
2. Ignore the decimal points and multiply the numbers as if they were whole numbers
3. Count the total number of decimal places in the two factors and put a decimal point in the product so that it has that same number of decimal places

ex: 3.24×0.8

$$\begin{array}{r} \overset{1}{3}.\overset{3}{2}4 \rightarrow 2 \text{ decimal places} \\ \times 0.8 \rightarrow 1 \text{ decimal place} \\ \hline 2592 \end{array}$$

3 decimal places

$$\boxed{2.592}$$

Dividing Decimals

1. Write the dividend under the division symbol and the divisor in front of the division symbol
2. Move the decimal in the divisor after the number and then move the decimal in the dividend the same number of places and bring it up
3. Ignore the decimal point and divide as if whole numbers
4. If there is a remainder, add a zero to the end of the dividend, bring it down, and then continue dividing until there is no remainder

ex: $32.3 \div 0.5$

$$\begin{array}{r} \boxed{64.6} \\ 0.5 \overline{) 32.3} \uparrow 0 \\ \underline{-30} \downarrow \\ 23 \downarrow \\ \underline{-20} \downarrow \\ 30 \downarrow \\ \underline{-30} \\ 0 \end{array}$$

Find each sum or difference. Show your work.

49. $8.74 + 10.36$

50. $37.4 - 8.55$

51. $12.9 + 105.67$

52. $450.89 - 213.33$

53. $24.1 + 3.74$

54. $14.76 - 9.8$

55. $622.85 + 53.49$

56. $67 - 14.06$

Find each product or quotient. Show your work.

57. 4.5×6

58. $144.8 \div 4$

59. 2.7×0.8

60. $6.2 \div 0.04$

61. 8.9×2.5

62. $15.8 \div 0.5$

63. 14.8×0.12

64. $16.2 \div 1.2$

Solve each problem, showing all work.

65. Ryan spent \$3.25 on lunch every day, Monday through Friday. If he had \$20 at the start of the week, how much money did he have left after Friday?

66. Three friends went out to lunch. The bill came to \$47.31. If they split the bill evenly, how much money does each friend owe?

Adding & Subtracting Fractions

1. Rename the fractions to equivalent fractions with common denominators
2. Add or subtract the numerators and keep the denominator the same
3. If mixed numbers, add or subtract the whole numbers
4. If possible, simplify the answer & change improper fractions to mixed numbers

ex: $4\frac{4}{9} + \frac{2}{3}$

$$\begin{array}{r} 4\frac{4}{9} \times \frac{1}{1} \quad \frac{4}{9} \\ + \quad \frac{2}{3} \times \frac{3}{3} \quad \frac{6}{9} \\ \hline \end{array}$$

$$4 \frac{10}{9} = \boxed{5 \frac{1}{9}}$$

Multiplying Fractions

1. Turn a whole number into a fraction by giving it a denominator of 1
2. Cross-simplify the fractions if possible
3. Multiply the 2 numerators and the 2 denominators
4. If possible, simplify the answer & change improper fractions to mixed numbers

ex: $6 \times \frac{2}{3}$

$$\begin{array}{c} 2 \\ \cancel{6} \end{array} \times \frac{2}{\cancel{3}_1} = \frac{4}{1}$$

$$= \boxed{4}$$

Dividing Fractions

1. Turn a whole number into a fraction by giving it a denominator of 1
2. Keep the 1st fraction the same, change the division symbol to multiplication, and flip the 2nd fraction to its reciprocal
3. Multiply the 2 fractions
4. If possible, simplify the answer & change improper fractions to mixed numbers

ex: $12 \div \frac{1}{2}$

$$\frac{12}{1} \div \frac{1}{2}$$



$$\frac{12}{1} \times \frac{2}{1} = \frac{24}{1} = \boxed{24}$$

Find each sum or difference. Show your work.

67. $\frac{7}{8} + \frac{5}{6}$

68. $\frac{9}{10} - \frac{1}{2}$

69. $\frac{3}{11} + \frac{2}{3}$

70. $\frac{11}{12} - \frac{13}{18}$

71. $4\frac{5}{9} + 7\frac{1}{3}$

72. $12\frac{9}{14} - 9\frac{3}{7}$

73. $3\frac{3}{5} + 2\frac{3}{4}$

74. $2\frac{2}{15} - 1\frac{2}{3}$

Find each product or quotient. Show your work.

75. $\frac{1}{6} \times \frac{3}{4}$

76. $6 \div \frac{1}{3}$

77. $15 \times \frac{2}{3}$

78. $\frac{1}{2} \div 3$

79. $\frac{1}{6} \times 10$

80. $\frac{1}{4} \div 2$

81. $\frac{5}{9} \times \frac{3}{20}$

82. $4 \div \frac{1}{5}$

Solve each problem, showing all work.

83. Jacqui ran $1\frac{1}{2}$ miles on Monday, Wednesday, and Friday and $\frac{3}{4}$ mile on Tuesday and Thursday. How far did she run in all?

84. Tyrell gave 3 packs of baseball cards to his friends. He gave each friend $\frac{1}{3}$ of a pack. How many friends got baseball cards?