Rising 6th Grade Language Arts & Math Summer Assignments 2025

Language Arts

6th grade will select **one book** to read from the following list of books:

- *Flora and Ulysses* - Kate DiCamillo
- *Rivals* – Tim Green
- *Masterminds* – Gordon Korman

When students have finished reading, they will need to create **3 different creative journal entries (pages)**. A creative journal entry is a notebook page with drawings and/or sketches along with the writing. Examples of creative journal entries are attached.

- Ideas include - setting, characters, plot, theme, and free-choice entries.
- Journal entries need to be completed on notebook paper and labeled.
- To receive full credit, each journal must include the following:
    - graphics with color
    - writing that includes text evidence
    - analysis (original thoughts)
- Entries should be detailed, thoughtful, and creative.

Students will submit their journals for credit on the first day of school in August, worth 60 points. They should also bring their book to school for the first week, as we will be discussing the books in class.

Choice Reading:
While students are only required to read one book, reading all summer long is encouraged. Choose novels that interest you and are on your reading level. It is good to challenge yourself a little! Remember, reading is the single most important factor in student success.

Math

Packet:
Summer math is assigned to help students retain math skills and enable the math classes to spend less time reviewing past material and forge ahead with new math skills. It has been designed to review topics students learned during the past school year, which are crucial for success in the next grade level.

All students are expected to complete the entire summer skills packet to the *best of their ability*. Students should show their work so we can see the thought process used to complete the problems. Circle or box your final answer. Please keep in mind we are looking for a *good effort* at completing the problems, more than a correct answer. Good effort includes attempting the problems and showing the work/thought process used to achieve an answer. A pacing suggestion would be to complete 2 - 3 pages a week. **This assignment is due Wednesday, August 13th, the first day of the new school year, and is worth 50 points.**

Here's a list of highly recommended authors for middle school readers (grades 6–8), across genres and interests. These authors are known for engaging plots, relatable characters, and age-appropriate themes:

Realistic Fiction

- **Jason Reynolds** – *Ghost, Look Both Ways*
- **Sharon Draper** – *Out of My Mind, Blended*
- **Jacqueline Woodson** – *Brown Girl Dreaming, Harbor Me*
- **Gordon Korman** – *Restart, Ungifted*
- **R.J. Palacio** – *Wonder*

Historical Fiction

- **Ruta Sepetys** – *Between Shades of Gray, Salt to the Sea*
- **Lauren Tarshis** – *I Survived* series (accessible for younger or reluctant readers)
- **Alan Gratz** – *Refugee, Ground Zero, Prisoner B-3087*
- **Pam Muñoz Ryan** – *Esperanza Rising, Echo*

Fantasy / Science Fiction

- **Rick Riordan** – *Percy Jackson* series, *Heroes of Olympus*
- **Tamora Pierce** – *Song of the Lioness, The Circle of Magic*
- **Eoin Colfer** – *Artemis Fowl* series
- **Tui T. Sutherland** – *Wings of Fire* series
- **Brandon Mull** – *Fablehaven, Beyonders*

Mystery / Adventure

- **Stuart Gibbs** – *Spy School, FunJungle*
- **Trenton Lee Stewart** – *The Mysterious Benedict Society*
- **Jennifer Nielsen** – *The False Prince, Resistance*
- **Anthony Horowitz** – *Alex Rider* series

Graphic Novels

- **Raina Telgemeier** – *Smile, Drama, Guts*
- **Gene Luen Yang** – *American Born Chinese, Dragon Hoops*
- **Victoria Jamieson** – *Roller Girl, When Stars Are Scattered*
- **Jerry Craft** – *New Kid, Class Act*

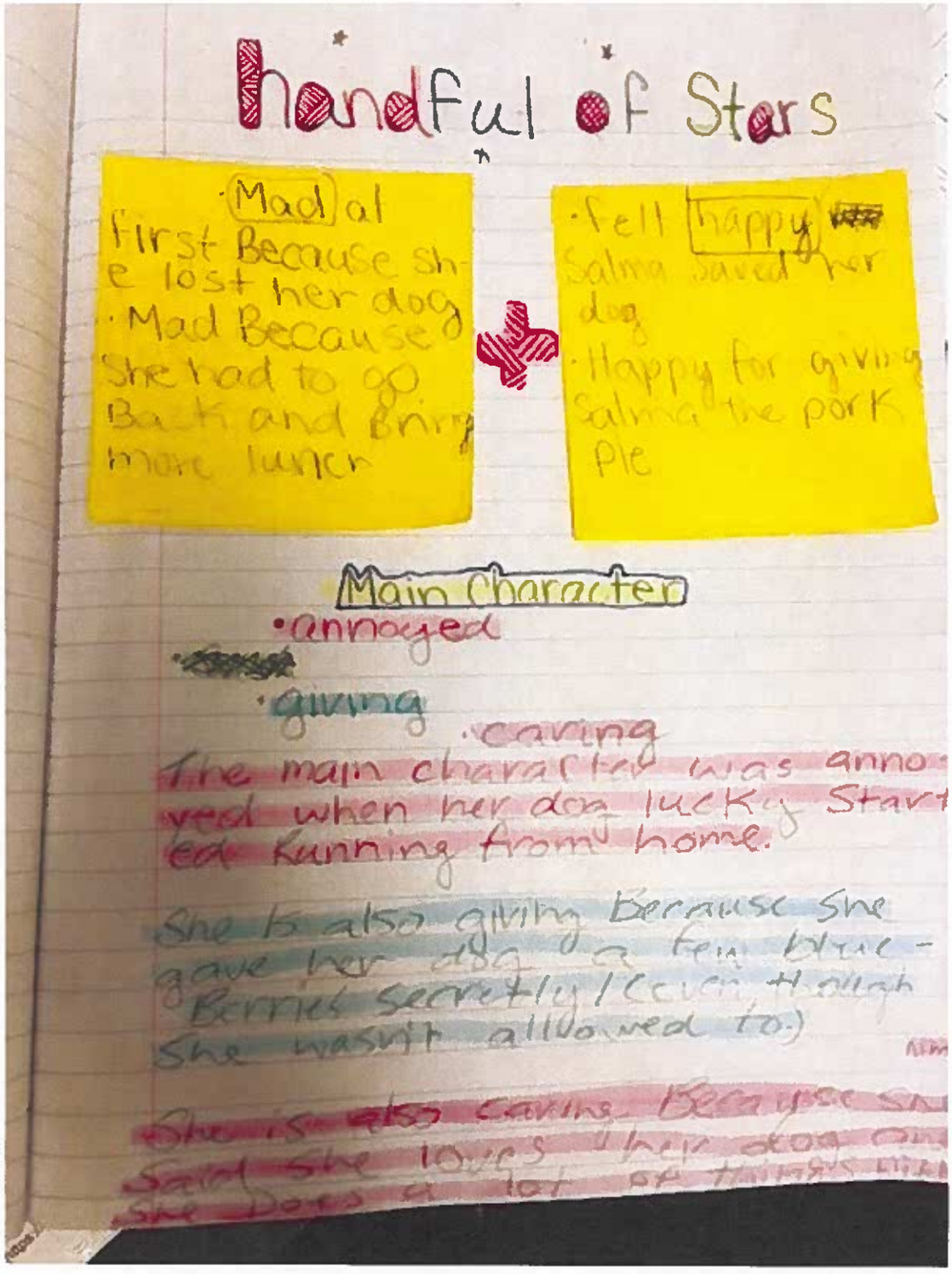
Poetry / Novels in Verse

- **Kwame Alexander** – *The Crossover, Booked*
- **Nikki Grimes** – *Garvey's Choice, Bronx Masquerade*

Samples of Creative Journal Entries and Grading Rubric

6th Grade Samples

Character Analysis



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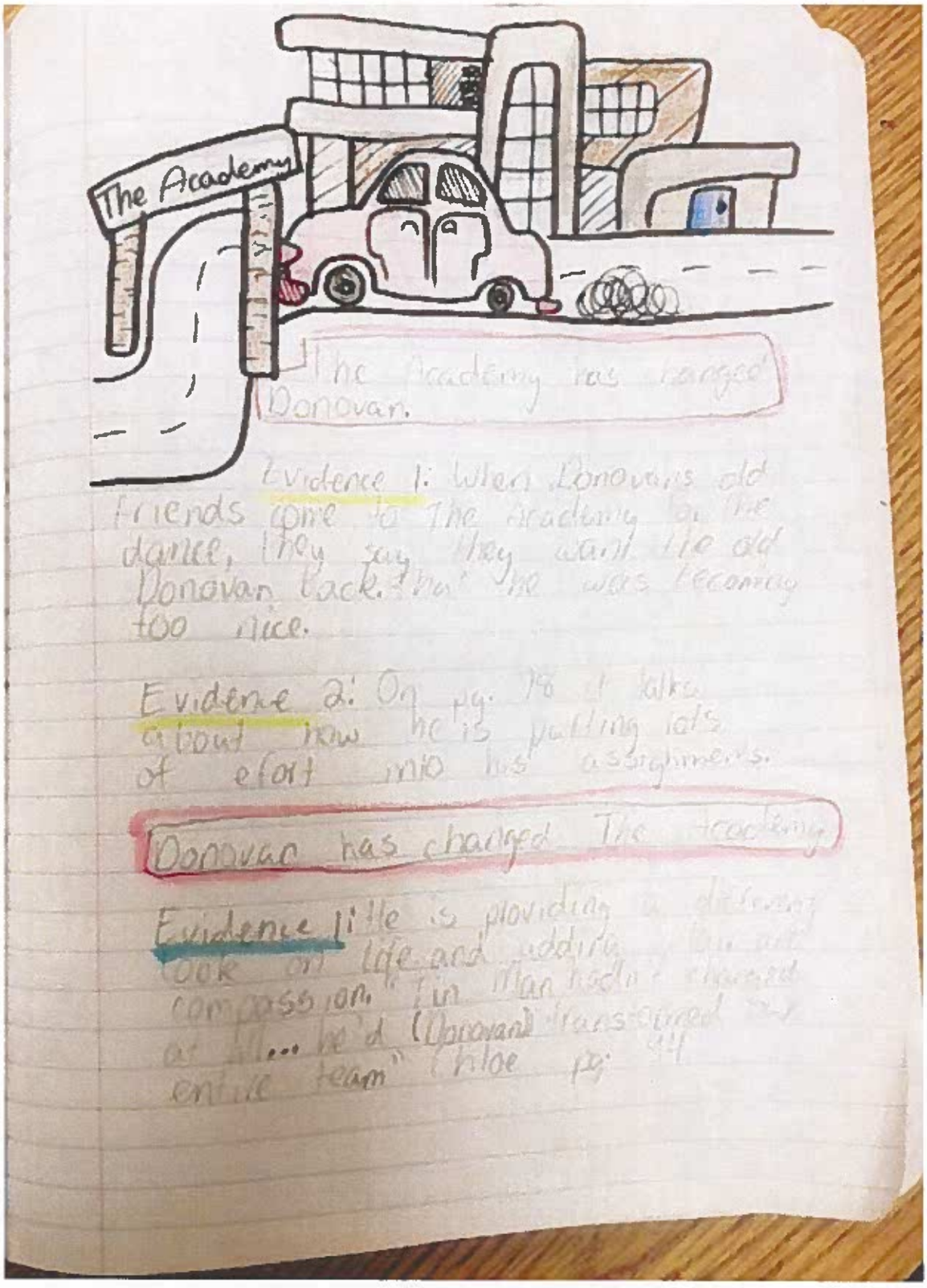
Character Analysis



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Name: _____ Date: _____

Summer Reading Project

	Points Earned	Points Possible
Journal Entry #1		
• Color		3
• Graphics		3
• Text Evidence		7
• Thought Prompts/Analysis		7
Journal Entry #2		
• Color		3
• Graphics		3
• Text Evidence		7
• Thought Prompts/ Analysis		7
Journal Entry #3		
• Color		3
• Graphics		3
• Text Evidence		7
• Thought Prompts/Analysis		7
TOTAL		60

RISING 6TH GRADE SUMMER MATH PACKET 2025

Write Numbers in Words and Digits

Exercises: Write the number name.

1. 560.08

2. 7.016

3. 24.47

4. 6,003

5. 3,005,600.07

Write the number the name represents:

6. Forty-five thousandths

7. Seventeen and seven hundredths

8. Five million, three hundred thousand, twenty-nine and six tenths

9. Six million and five thousandths

10. Two hundred eight thousand, four

Order Decimals

Exercises: List each group of numbers in order **from least to greatest:**

1. 20, 4, .6, .08

2. 246.8, 248.6, 244.9, 246.5

3. 1.03, 2.4, .89, .987

4. 14.8, 2.68, .879, 8.47

5. 5.3, 5.12, 5.38, 5.29

6. 54.89, 56.3, 58.1, 52.98

7. 4, .006, .8, .07

8. 297, 3.456, 64.4, 7.24

9. 794, 793.8, 794.65, 794.7

10. 9, 6.7, 7.24, 14

11. 4.2, 4.19, 4.07, 4.3

12. 3.75, 6.7, 3.8, .45

Add and Subtract Whole Numbers

Solve: No Calculators! Use scratch paper and STAPLE TO THE BACK for credit, if needed. **No work = no credit.**

1. 6,496 + 3,288 =

2. 54,398 + 64,508 =

3. 3,254 + 4,113 =

4. 754 – 549 =

5. 54,678 + 74, 357 =

6. 98,455 - 14,789 =

7. 38,904 – 32,899

8. 908 - 774 =

Multiply and Divide Whole Numbers

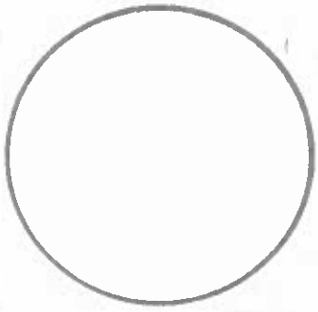
Hints/Guide: You may use standard multiplication practices. To divide, please clarify the quotient and remainder. **BONUS:** if you can change your remainder to a decimal, please provide the answer. No Calculators! Use scratch paper and STAPLE TO THE BACK for credit, if needed. **No work = no credit.**

$24 \div 3 =$	$24 \div 6 =$	$16 \times 15 =$	$20 \div 5 =$
$74 \times 10 =$	$190 \div 19 =$	$32 \div 2 =$	$79 \times 9 =$
$216 \div 12 =$	$444 \times 77 =$	$114 \div 14 =$	$4 \times 58 =$

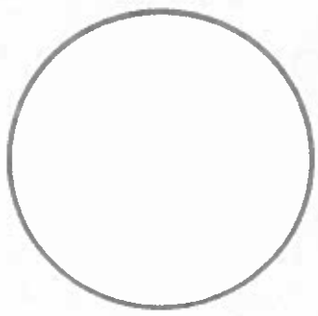
Background of Fractions

Split and Label the following fractional parts (circles) with the given fractions.

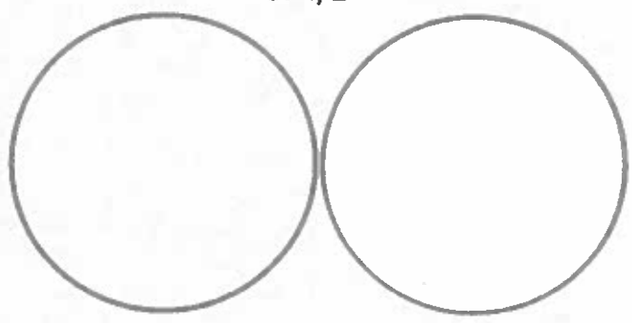
1. 4/5



2. 7/8



3. 4/2



Fraction Operations

Hints/Guide: When adding and subtracting fractions, we need to be sure that each fraction has the same denominator, then add or subtract the numerators together.

Exercises: Perform the indicated operation: No Calculators! Use scratch paper and STAPLE TO THE BACK for credit, if needed. **No work = no credit.**

1. 1/2 + 3/4

2. 5/8 + 3/4

3. 7/3 + 1/3

4. 5/10 + 1/2

5. 3/4 – 2/8

6. 20/50 - 1/10

Add and Subtract Decimals

Hints/Guide: When adding and subtracting decimals, the key is to line up the decimals above each other, add zeros to have all the numbers have the same place value length, then use the same rules as adding and subtracting whole numbers, with the answer having a decimal point in line with the problem.

Solve: No Calculators! Use scratch paper and STAPLE TO THE BACK for credit, if needed. **No work = no credit.**

1. 15.7 + 2.34 + 5.06 =

2. 64.038 + 164.8 + 15.7 =

3. 2.6 + 64.89 + 4.007 =

4. 12.9 + 2.008 + 75.9 =

5. 87.4 - 56.09 =

6. 5.908 - 4.72 =

7. 68.9 - 24.74 =

8. 955.3 - 242.7 =

Multiply Decimals

Hints/Guide: Multiply normally, ignoring the decimal points, then put the decimal point in the answer - it will have as many decimal places as the two original numbers combined. In other words, just count how many numbers are after the decimal point in *both* numbers you are multiplying, then the answer should have that many numbers after *its* decimal point.

Solve: No Calculators! Use scratch paper and STAPLE TO THE BACK for credit, if needed. **No work = no credit.**

1. 36.1
   x 3.7

2. 0.47
   x 68

3. 5.9
   x 39

4. 0.28
   x 1.8

5. 19
   x 4.7

6. 5.6
   x 3.6

7. 78
   x .37

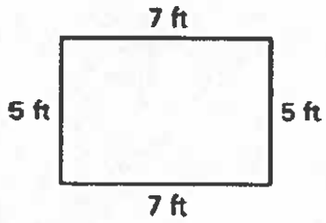
8. 4.2
   x 0.3

Reading Scales and Finding Area and Perimeter

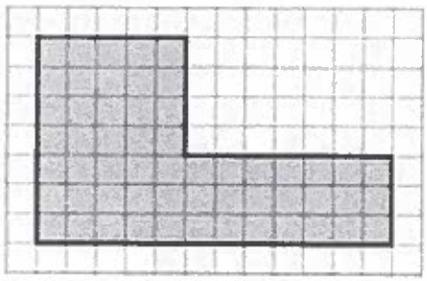
Hints/Guide: To determine the correct answer when reading scales, the important thing to remember is to determine the increments (the amount of each mark) of the given scale.

To find the perimeter of a rectangle or square, we must add the lengths of all of the sides together. To find the area of a square or a rectangle, we must multiply the length by the width.

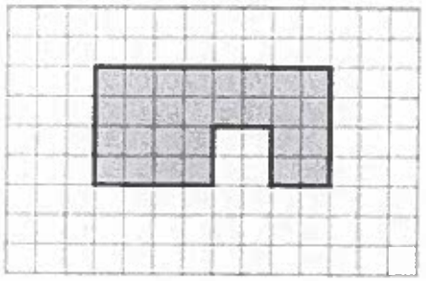
Exercises: Find the area and perimeter of the following. All units are in feet.



area _____ perimeter _____



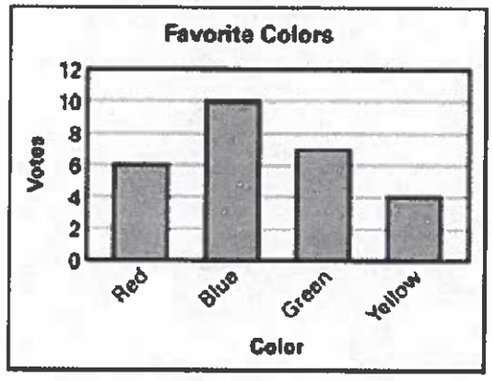
area _____ perimeter _____



area _____ perimeter _____

Using data to find answers.

Use the bar graph.

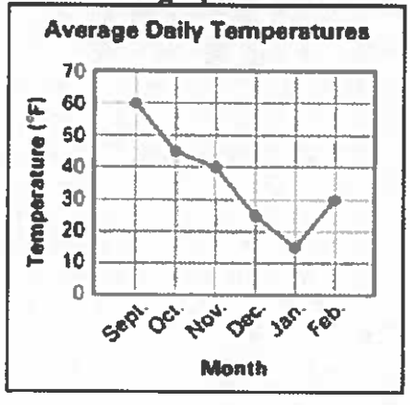


What color did 7 people vote for?

What color had 4 fewer votes than blue?

What was the total number of votes for red and yellow?

Use the line graph.



In which month was the average daily temperature the lowest?

What is the difference between the average daily temperatures for November and December?

What was the average daily temperature for October?

Find the Mean/Average, Median, Mode, and Range of a Set of Numbers

Exercises: No Calculators! Use scratch paper and STAPLE TO THE BACK for credit, if needed. **No work = no credit.**

Data Set: 5, 12, 6, 3, 8, 16, 8, 6

Mean:

Median:

Mode:

Range:

Data Set: 2, 7, 4, 11, 12, 4, 6

Mean:

Median:

Mode:

Range:

Factors and Multiples.

Make a factors for the following, then circle the Greatest Common Factor.

1. 18 and 24

2. 12 and 15

3. 17 and 20

4. 21 and 40

Find the first 10 multiples of the following. Circle the Least Common Multiple.

1. 12 and 4

2. 9 and 8