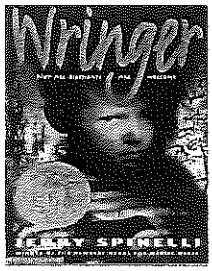
Wilson Avenue School

Summer Reading Assignment

Students Entering 6th Grade



Required Book: **Wringer** by Jerry Spinelli

Required Assignments:

- After reading **Wringer,** complete the two assignments below:

I. **Comprehension Questions** – Complete the questions below. Be sure to answer using complete sentences. Cite evidence from the text to support your responses. Please write or type the answers on a separate sheet of paper neatly.

1. What nickname did the boys give Palmer? Why?
2. How do Beans and Mutto treat Dorothy Gruzik? How do you think Palmer feels about it?
3. What is the "Treatment"? Why did Palmer have to get it? How did he handle it?
4. Describe Palmer's memories about Pigeon Day from when he was a little boy. How does he feel about Pigeon Day?
5. Palmer had always heard that pigeons were "dirty, filthy….rats with wings." Why did his opinion change?
6. Why did Beans and Mutto sneak into Palmer's room the night before Pigeon Day?
7. How does Dorothy Gruzik respond when the boys pick on her?
8. Why did Palmer ask his mom to give him more privacy in his bedroom?
9. Why did Palmer's new pet have to be kept a secret?
10. What did the boys do with the muskrat from Bean's freezer?
11. How did Dorothy finally respond when the boys were torturing her?
12. Why was Palmer dreading his tenth birthday?
13. What happened to make Beans and the other boys get suspicious that Palmer has a pigeon?
14. Why did Palmer start dressing strangely and behaving badly at school?
15. What is a wringer? Why can't Palmer tell the gang that he doesn't want to be a wringer?
16. What message did Palmer find carved into his birthday cake?
17. What did Palmer tell Farquar about the "treatment" for his 10th birthday?
18. Describe exactly what happened when Nipper was released from the crate on Pigeon Day.

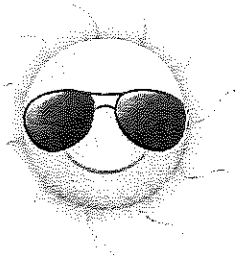
II. **Explanatory Essay** – Essays are to be typed or written neatly on loose-leaf paper in order to receive full credit. Remember to use quotes from the book as support for your ideas, and to cite the page numbers. Use the writing frame to help your writing.

Writing Prompt: Why does palmer lie about his home to Beans and the other boys? Why does he need to protect Nipper? Remember to support your ideas with text support, your own interpretation and examples.

Explanatory Essay Framework
1. Introduction Paragraph ➢ Engaging beginning (Hook) ➢ Transition from the engaging beginning to the thesis (main idea) ➢ Thesis statement (your definition of hero)
2. Body Paragraph ➢ Topic Sentence Statement (Main Idea Statement) ➢ Support sentence ➢ Facts/details ➢ Elaboration/example ➢ Details/closure/transition
3. Body Paragraph ➢ Topic Sentence Statement (Main Idea Statement) ➢ Support sentence ➢ Facts/details ➢ Elaboration/example ➢ Details/closure/transition
4. Body Paragraph ➢ Topic Sentence Statement (Main Idea Statement) ➢ Support sentence ➢ Facts/details ➢ Elaboration/example ➢ Details/closure/transition
5. Closing Paragraph ➢ Restate Thesis or Topic Sentences ➢ Restate main details ➢ Leave the reader with a powerful concluding thought

Wilson Avenue School
Math Packet
Summer 2018

Margarita Hernandez, Principal



Name _____

Dear Parents: This summer your child will be working on a spring packet that is aligned with the common core standards to enhance and reinforce strategies. Please encourage your children to try their best utilizing what they have learned in class. Packets are due back on or before September 4, 2018. This packet will count as your child's first Math Grade.

Return completed packet to 6th Grade teacher on September 4, 2018

I have checked the work completed. _____

(Parent Signature)

Summer Practice – Varied Skills

1.) Joy has 20 tiles, Kay has 28 tiles, and Liz has 44 tiles. They each arrange their tiles into a rectangle. They noticed that their rectangles had the same number of rows. What is the greatest number of rows that their rectangles could have had?

2.) A teacher bought 'n' packages of 6 pens in each package. Another teacher bought 'y' packages of 8 pens in each package. If the teachers ended up buying the same number of pens, what is the least number of pens they could have?

3.) Which of the follow ordered pairs lies in Quadrant II?

a.) (4, -3) b.) (-2, 5) c.) (-1, -2) d.) (3,0)

4.) Which point is a reflection of the point (-3, 5) over the Y-AXIS?

a.) (3,5) b.) (-3,5) c.) (-3, -5) d.) (3, -5)

*You should not have to create a coordinate graph to answer this question

5.) Order the following numbers from greatest to least:

1.6 -9.2 1.68 -9.25 0 -9.17

6.) Write the exponential expression represented by each multiplication statement

a.) 8 x 8

b.) 2 x 2 x 2 x 2 x 2

c.) y x y x y

d.) p x p x p x p x p x p

7.) Use the distributive property to rewrite each expression.

a.) 6(a + 5) =

b.) 12 (4 + 3a) =

c.) ½ (b – 12) =

8.) Rewrite each of the following expressions using the factoring technique.

a.) 6a + 12 b.) 15 + 3y c.) 15y - 36

Basic Fractions

Part 1 – Odd One Out

For questions 1-3, select the fraction that is not equivalent to the others.

1.) $\frac{12}{16}$ $\frac{3}{4}$ $\frac{15}{24}$ $\frac{24}{32}$

2.) $\frac{70}{80}$ $\frac{35}{48}$ $\frac{7}{8}$ $\frac{21}{24}$

3.) $\frac{2}{6}$ $\frac{5}{10}$ $\frac{15}{30}$ $\frac{12}{24}$

Part 2 – Simplest Form

For questions 4-8, write the given fraction in simplest form.

4.) $\frac{6}{8} =$

5.) $\frac{20}{32} =$

6.) $\frac{18}{36} =$

7.) $\frac{21}{45} =$

8.) $\frac{32}{48}$

Part 3 – Least Common Denominator

Find the LCD for each pair of fractions. Then rewrite each fraction as an equivalent fraction using the LCD.

9.) $\frac{9}{15}$ and $\frac{7}{10}$

10.) $\frac{2}{3}$ and $\frac{5}{8}$

Coordinate Geometry/Area/Perimeter

#1.) The figure on the smart board represents a playground. Each unit has a length of 3 feet. The community wants to have a jungle gym built that covers 1/3 of the playground space, and also a fence built around the entire property. The jungle gym will be donated, but the fence will cost $20/ft.

Task 1 – Calculate the number of square feet that the jungle gym will occupy.

Task 2 – Calculate the amount of fencing needed to surround the property.

Task 3 – Calculate the cost of fencing.

REMINDER – Check your labels!!

#2.) The figure on the whiteboard represents a living room space. The owners want to install carpet that completely covers the floor, and they also want to install base moldings around 50% of the room. The carpet that they have selected costs $7.25 per square foot, and the base moldings cost $4.00 per foot.

Task 1 – Calculate the amount of carpet needed to cover the floor.
Task 2 – Calculate the amount of base moldings needed.
Task 3 – Calculate the cost of carpet.
Task 4 – Calculate the cost of base moldings.
Task 5 – Calculate the total cost of the project.

REMINDER – CHECK YOUR LABELS!!!

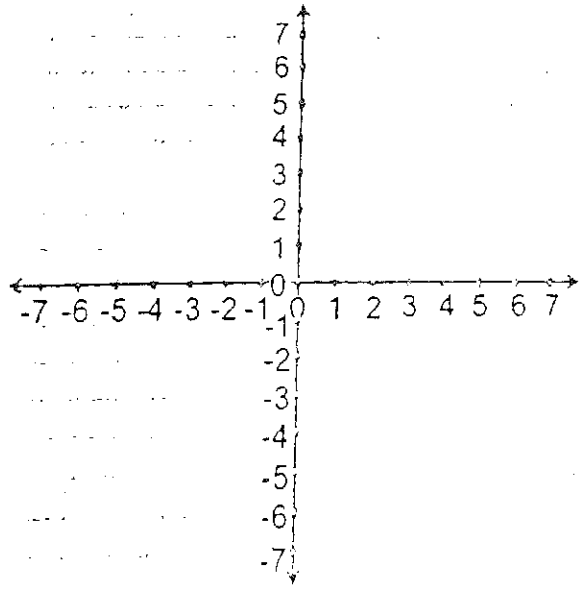
Geometry/Coordinate Planes

Part I – Matching

Polygon_____
Rectangle_____
Rhombus_____
Quadrilateral_____
Parallelogram_____
Trapezoid_____
Regular Polygon_____
Square_____

a. A polygon with four sides
b. A quadrilateral with exactly one pair of parallel sides
c. A quadrilateral with two pairs of parallel sides
d. A closed figure made up of a minimum of 3 straight sides
e. A quadrilateral with equal side lengths, but not necessarily equal angle measures
f. Any polygon that has all equal side lengths and equal angle measures
g.) A quadrilateral with all 90 degree angles and equal side lengths
h. Any quadrilateral with all 90 degree angles (not necessarily all equal side lengths)

Part 2 – Coordinate Planes



*Using the coordinate plane provided, plot the following points, along with their reflection across the y-axis.

1.) A (6,5) *Label reflection 'B'
2.) E (3, -6) *Label reflection 'F'
3.) Q (-2, -4) *Label reflection 'R'
4.) X (-7,7) *Label reflection 'Y'

5.) In what quadrant would the x-coordinate be positive and the y-coordinate be negative?_____

6.) In what quadrant would the x-coordinate be negative and the y-coordinate be positive?_____

7.) What is the distance, in units, between (-4,-7) and (6, -7)?_____units

8.) What is the distance, in units, between (0, -1) and (0, 6)? _____units

Line Plots

A certain sixth grade class spent gym class running around a track. The following data shows the number of laps run by each student in the class:

6	8	4	7	9	4	5	8	8	7	4	5	10	7	8	6
4	5	9	12	5	6	8	4	6	9	8	8	5	8	9	5

Complete the following questions/tasks:

1.) Create a line plot to display the data.

2.) How many students are in this sixth grade class?

3.) How many students were able to run more than 8 laps?

4.) What are the minimum and maximum values in this data set?

5.) What percent of students were able to run 7 or more laps?

6.) If the data of three additional students were recorded, and each of the three students ran 7 or more laps, would your solution to #5 remain the same? If not, explain why.

7.) What percent of students ran less than 6 laps (original data set)?

8.) What is the range of this data set?

9.) The number of students that ran 9 laps accounts for _____% of the total number of students (original data set).

Conversion Practice

Directions – Use your calculators or reference sheets as needed

1.) 1.75 miles = _____ feet

2.) 4 miles = _____ yards

3.) 288 inches= _____ yards

4.) 3.5 yards= _____ meters (Consider that one meter is ABOUT 3.3 feet)

5.) 2.83cm= _____ m

6.) 0.009kg= _____ cg

7.) 22 quarts= _____ gallons

8.) 64 fl.oz. = _____ gallons

9.) 6.5 gallons= _____ cups

10.) .078hL= _____ cL

11.) 25mg= _____ g

12.) 4 pints= _____ gallons

13.) 6.2T= _____ pounds

14.) 192oz. = _____ pounds

15.) 0.0055kg= _____ mg

16.) $3ft^2$ = _____ in^2 (1 square foot = 144 square inches)

17.) $5yd^2$= _____ ft^2 (1 square yard = 9 square feet)

18.) $2yd^2$= _____ in^2 (1 square yard = 1,296 square inches)

19.) 32.5dL= _____ kL

20.) 7.1kg= _____ lbs (1kg is about 2.2lbs)