



Sixth Grade Summer Packet

Due: September 9, 2019

Name: _____

Math

ICAHN 5

6TH GRADE MATH SUMMER PACKET



Pick 25 out of the 30 problems to complete. Make sure that you show your work for all of the problems that you pick! You will only get credit if you show your work.

Show all your work in the boxes

Each question is 2pts each.

Name _____

Parent's Signature _____

Parent's Email _____

SUMMER PACKET RUBRIC

Each question is based on this rubric. There are 25 questions. They are 2points each for a total of 50 points This will be the first grade as a 6th Grader.

2 POINTS	<p>A two-point response includes the correct solution to the question and demonstrates a thorough understanding of the mathematical concepts and/or procedures in the task.</p> <p>This response-</p> <ul style="list-style-type: none"> • Indicates that the student has completed the task correctly, using mathematical sound procedure • Contains sufficient work to demonstrate a thorough understanding of the mathematical concepts and/or procedures • May contain inconsequential errors that do not detract from the correct solution
1 POINT	<p>A one-point response demonstrates only a partial understanding of the mathematical concepts and/or procedures in the task.</p> <p>This response-</p> <ul style="list-style-type: none"> • Correctly addresses only some elements of the task • May contain an incorrect solution but but applies a mathematically process • May contain the correct solution but required work is incomplete
0 POINTS	<p>A zero-point response is incorrect, irrelevant, incoherent, or contains a correct solution obtained using an obviously incorrect procedure. Although some elements may contain correct mathematical procedures, Holistically they are not sufficient to demonstrate even a limited understanding of the mathematical concepts embodied in the task</p>

<p>Answer:</p>		<p>1. Which is greater: 2000 minutes or $2\frac{1}{2}$ hours?</p>
<p>Answer:</p>		<p>2. Multiply fractions: $\frac{4}{5} \times \frac{6}{7}$ SIMPLIFY IF NEEDED.</p>
<p>Answer:</p>		<p>3. What is the volume of this box if the length is 12cm and the width is 9cm? Hint: V=length and height is 5cm</p>
<p>Answer:</p>		<p>4. My sister has \$235 in the bank. She spends \$119.20. Will she have enough money to buy a \$130 bike? Explain.</p>

Answer:		<p>5. Gina buys 3 bags of chips that each cost \$1.25, 2 sodas for \$1.50 each and a box of cookies for \$4.75. How much did she spend in all? If she had a \$20 bill, what will be her change?</p>
Answer:		<p>6. A carpenter is cutting a board that is 86 meters long into pieces that are 2 meters long. How many pieces can the carpenter cut from the board?</p>
Answer:		<p>7. Write a fraction that shows how many months start with the letter "M". Leave your answer in simplest terms.</p>
Answer:		<p>8. 8,765,432 a. What number is in the tens place? b. What number is in the hundred thousand place? c. What number is in the Billions place</p>

<p>9. Briana's family drove 65 miles per hour to get to her grandmother's house. If it took them 8hrs to drive, how many miles did they travel?</p>		<p>Answer:</p>
<p>10. Henry and Rich were carrying loads of dirt to a garden in a wheelbarrow. On each trip they can carry 25 pounds. How many trips will it take them to move a 350 pound pile?</p>		<p>Answer:</p>
<p>11. Mrs. Smith buys a beef roast that weighs $\frac{4}{15}$ pounds. Rewrite the weight as a mixed number.</p>		<p>Answer:</p>
<p>12. Change these mixed numbers to improper fractions</p> <p>a. $2\frac{2}{4}$ b. 3 c. $1\frac{1}{3}$</p>		<p>Answer:</p>

<p>Answer:</p>		<p>13. Clay bought a shirt, tie and pair of pants. The shirt cost \$24, the ties cost \$17 and the pants cost \$28. Clay also used a coupon for \$5 off the total price. How much did he spend in all?</p>
<p>Answer:</p>		<p>14. The Miller family is on vacation. On Monday they traveled 86 miles; on Tuesday 91 miles; on Wednesday 103 miles; on Thursday 84 miles; and on Friday 98 miles. How far did they travel in all?</p>
<p>Answer:</p>		<p>15. A seal at an aquarium weighs 430.92 lbs. A walrus 2.3 times as much. Write an expression that gives the closet estimate for the weight of the walrus?</p>
<p>Answer:</p>		<p>16. Evaluate and show your work a. $6 \times 4 \times 2 - 2$ b. $9 + 3 + 4 \times 6$</p>

<p>Answer:</p>		<p>17. Ryan is putting a fence around a rectangular garden. His garden is 12 feet long by 6 feet wide. What is the perimeter in yards?</p>
<p>Answer:</p>		<p>18. Multiply and show your work. 23.4×6.7</p>
<p>Answer:</p>		<p>19. Maggie is making cookies. The recipe calls for $\frac{3}{9}$ cups of sugar and $\frac{6}{9}$ cups of brown sugar. How much sugar does Maggie need in all to make the cookies?</p>
<p>Answer:</p>		<p>20. Jill went to the store. She bought a gallon of milk for \$2.59, a box of cereal for \$3.89 and oranges for \$1.59. How much money did she spend?</p>

Answer:		<p>21. At the end of baseball season, Ethan's batting average was 0.282, Maggie's was 0.233 and John's was 0.272. Order from the greatest to least.</p>
Answer:		<p>22. Find the sum, difference, product, and quotient of the following numbers: 99 and 3</p>
Answer:		<p>23. Write the fraction for each: a. two-fifths b. three-fourths c. ninety-hundredths</p>
Answer:		<p>24. Complete the following number sentences using <,> or = a. $6,795 \underline{\quad} 983$ b. $5,6550 \underline{\quad} 15,06$ c. $15.6 \underline{\quad} 15.06$ d. $35 \underline{\quad} 34,999$</p>

<p>Answer:</p>	<p>25. Mark says factors of 36 are 1, 2, 3, 5, 6, 12, and 36. Do you agree with Mark? Explain</p>
<p>Answer:</p>	<p>26. Sue earns \$25 each week for babysitting. In how many weeks will Sue have saved \$175?</p>
<p>Answer:</p>	<p>27. Write the following in standard form: six hundred eight five and two tenths.</p>
<p>Answer:</p>	<p>28. Samantha runs twice as fast as her friend Jay. If Jay runs 3 mph, how fast does Samantha run?</p>

<p>Answer:</p>		<p>29. Mrs. Davis the lifeguard bought 6 beach balls for her swim helpers. Each ball cost \$6.95. She paid for the balls using a fifty dollar bill. How much change did Mrs. Davis receive?</p>
<p>Answer:</p>		<p>30. True or False. EXPLAIN YOUR REASONING. $3+3+3+3=3 \times 4$</p>



6TH GRADE SUMMER READING 2019
"THE CROSSOVER"
PROJECT CHOICE BOARD

INSTRUCTIONS:

- **AFTER READING YOUR BOOK, CHOOSE THREE PROJECTS TO COMPLETE**
- **PROJECTS WILL BE GRADED ACCORDING TO THE RUBRIC ATTACHED**
- **PROJECTS MUST BE BROUGHT IN ON THE FIRST DAY OF SCHOOL**

_____s Book Report Student Choice Board

Directions: Choose ONE project to complete after reading your book. Put an X through your choice.

<p>Magazine Interview: Create a 10 question Q and A between a reporter and a character in the story. The answers should show what you know about the character in the story.</p>	<p>Book Jacket: Create a book jacket for the book you read. Make sure it looks different from the actual book jacket. Include the title, setting, characters and a short summary on the back.</p>	<p>Character Journal: Write a one page journal entry in the voice of a chosen character. Make sure this journal expresses the character's thoughts, feelings and ideas.</p>
<p>Letter: Write a one page letter to a friend recommending your book. Tell that friend what the book was about and why you would recommend it.</p>	<p>Student Choice Board</p>	<p>Comic Strip: Create a 5 picture comic strip showing 5 major events from the book in sequence. Include captions and dialogue bubbles to retell the story along with pictures.</p>
<p>Poem/Song: Create a poem or a song that summarizes the story. Don't forget important elements like title, setting, problem and solution!</p>	<p>Movie Poster: What would your book look like if it were a movie? Create a movie poster to represent that. Include critics' reviews, short plot summary, and title/author of book it's based on.</p>	<p>Newspaper Article: Write an exciting newspaper article about one major event from the book. Make sure to use an exciting headline and include who, what, where, when details in your article.</p>

Choice Board Project Rubric

1	2	3	
<p>Errors and/or omissions in your work make your projects difficult to read. Your work shows an incomplete or surface-level understanding of the text.</p>	<p>Your written work has mostly complete sentences and/or mostly correct grammar and proper mechanics. Your work reflects an understanding of the text.</p>	<p>All project text is written in complete sentences with proper grammar and mechanics. Your work reflects a deep understanding of the text.</p>	<p>Content and Accuracy</p>
<p>More than one project is missing or incomplete.</p>	<p>One project is missing or incomplete.</p>	<p>All three projects are complete.</p>	<p>Completeness</p>
<p>You may have rushed through your work to get it completed and didn't put forth your best effort. Sometimes, your handwriting was sloppy and your work may be unorganized.</p>	<p>You put some work and thought into your work, but you could have put forth a bit more effort. Your handwriting is usually neat and is mostly organized.</p>	<p>You worked hard and put forth a lot of effort and thought into your work. Your handwriting is neat and your work is original and organized.</p>	<p>Neatness and Creativity</p>
<p>Teacher Comments:</p>			<p>Final Project Score</p>