



Dear Incoming Fifth Grade Parents,

Congratulations on completing a wonderful year in fourth grade! We are so excited that your child will be joining us in the fifth grade! It is our hope that the summer packet will be a great place to start practicing routines and implementing expectations for fifth grade.

Please assist your child by supporting them while they complete the summer packet. The attached work should be completed over the summer and returned to your child's teacher no later than the **first Friday** of the first week of school to receive credit.

We look forward to a productive and enjoyable school year. Thank you in advance for entrusting us with one of your most precious gifts.

Have a wonderful summer,

The Fifth Grade Team



Required Reading for 5th Grade



- **The Voyage of the Dawn Treader by C.S. Lewis**
- **Two** additional books of student's choice
- Participate in your library's summer reading program

The attached packet includes **Strategies for Reading Literature**, a **Reading Response Log** and a **Summer Reading Log**. Students are encouraged to read at least 20 minutes a day throughout the summer. Please avoid completing the reading activities all at once at the beginning or end of the summer.

This assignment is due on the **first Friday** of the first week of school. It will count as a reading project grade. To receive full credit, you must:

- Submit your work on time.
- Turn in **three** Reading Response Logs and the Summer Reading Log.

Please note: If an assignment is not submitted on time, students are responsible for submitting the late assignment within three (3) school days following the due date. **Five (5) points will be deducted per school day and will result in a zero on the fourth (4th) day.**



STRATEGIES FOR READING LITERATURE

(Modified for Grammar School students from *Reading Literature & The Reading and Writing*

Handbook for High School Students)

To help students understand literature, students should consider the following questions from the story sequence when reading.

BEFORE Reading:

Preview the material.

- Read the story synopsis on the back cover of the book to get a sense of the overall plot of the story.
- What does the title of the book, the chapter titles, pictures, etc. tell you about the book's content?
- What do you already know about the about the author and/or subject matter?

WHILE reading:

As you read, ask yourself the following questions.

Main Characters

- Who are the main characters? What are they like?
- Do they seem like real people? Why or why not?
- Do the main characters remind you of other people that you know?
- Can you picture the characters in your mind? What do they look like?

Setting

- Where does the story take place?
- When does the story take place?
- Could the story take place in a different time in a different place? Why or why not?
- When you close your eyes, what kind of place can you see?



Plot and Conflict

- What event started the story?
- What does the main character need or want?
- What is making the problem better? What is making it worse?
- How is the need or want resolved?

Theme

- What seems to be the most important idea in the story?
- What is learned from the story?

General Questions

- What is unclear or confusing as you read? Write down anything that is unclear or confusing in your summer reading journal? • What are can you see in your mind as you read?

AFTER Reading

- Can you summarize what you have read?
- Are you able to tell someone the summary of what you read?
- What insights about life might the author be trying to communicate?



**4. WHAT CHARACTER REMINDED YOU OF YOURSELF OR OF SOMEONE ELSE?
WHY?**

**5. IF YOU COULD BE ANY CHARACTER IN THE BOOK, WHO WOULD YOU BE?
WHY?**

6. WHAT PARTS OF THE STORY DID YOU HAVE QUESTIONS OR FIND CONFUSING?

7. WOULD YOU RECOMMEND THIS BOOK TO A FRIEND? WHY OR WHY NOT?



Summer Math Packet

The attached packet provides a range of activities that review and expand on the math concepts your child has learned in fourth grade. It is designed to be worked on for 15 to 30 minutes a day throughout the summer, rather than completed in just a few days at the beginning or end of summer.

The goal is to keep skills sharp to be ready to move forward into the next school year. It is our hope that the summer packet will be a great place to start practicing routines and implementing expectations for fifth grade.

If you find areas of mathematics that are more challenging, please make note to share with your teacher once you return. When you have completed the entire packet please have your parent initial the packet.

This assignment is due on the **first Friday** of the first week of school. It will count as a math project grade. To receive full credit, you must:

- Submit your work on time.
- Properly show your work.

Please note: If an assignment is not submitted on time, students are responsible for submitting the late or missing assignment(s) within 3 (three) school days. **Five (5) points will be deducted per school day and will result in a zero on the fourth (4th) day.**



Entering Fifth Grade Summer Math Packet

Name: _____

| | |
|---|---|
| <p>1. Elizabeth bought a toy that cost \$12.57. She gave the clerk a \$20 bill. How much change should she get back? What bills and coins might the clerk give her?</p> | <p>2. Joni bought a computer game that cost \$13.67. She gave the clerk a \$20 bill. How much change should she get back?</p> |
| <p>3. What is the mode for the following 8 numbers? 22, 20, 22, 26, 30, 18, 22, 20</p> | <p>4. Mya bought her friend a bracelet kit for \$12.57, a necklace for \$5.99, and a birthday card for \$1.99. How much did she spend in all for her friend's birthday?</p> |



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5. What is the mode of the following 7 numbers?
36, 28, 28, 39, 38, 39, 32

6. Gabrielle reads 4 chapters in her book every day. If she reads at this rate for 11 days, how many chapters did she read in all?

7. Kaylah had the following money in her pocket: 3 dollars, 2 quarters, 3 dimes, and 1 nickel. How much money did Kaylah have in all?

8. The Rangers scored 45 points in the first half of the game and 65 points in the second half. The Cowboys scored 36 points in the first half of the game and 76 points in the second half. Which team won?



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9. Jaden scored 9,345 points playing his favorite computer game. Thomas scored 8,715 points playing the same game. How many more points did Jaden score than Thomas?

10. Madison collected 236 box tops. Karrington collected 291 box tops, and Kaylah collected 305 box tops. How many box tops did they collect in all?

11. What is the median for the following 7 numbers? 31, 36, 35, 32, 39, 32, 37

12. Which is the word name for the decimal 0.43?

- A. 43 tenths
- B. 43 hundredths
- C. 43 thousandths
- D. 43 ones



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| | |
|--|--|
| <p>13. Which is the word name for the decimal 0.5?</p> <p>A. 5 tenths B. 5 hundredths C. 5 thousandths D. 5 ones</p> | <p>14. Round 2,386 to the nearest hundred.</p> |
| <p>15. Round 24,289 to the nearest thousand.</p> | <p>16. Estimate the sum of 296 and 1011.</p> |



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17. Put the following numbers in order from highest to lowest:

28,232

35,840

17,881

23,376

35,699

18. Solve the following problems for $n=7$.

$$5 + n =$$

$$8 \times n =$$

$$49 \div n =$$

19. Alexis is making bracelets for a school fundraiser. It takes her 23 minutes to make one bracelet. She makes 8 bracelets in all. How long does it take Alexis to make the bracelets?

20. Ms. Smith fills up her gas tank at Super America Gas Station. She put 9 gallons in her tank. Each gallon cost \$3.79. How much money did Ms. Smith have to pay to fill her tank?



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| | |
|--|--|
| <p>21. Lena had the following scores on her last four math tests: 26, 38, 38, 42</p> <p>Janine had the following scores on her last four tests: 22, 37, 40, 48</p> <p>Who had the highest total score on their math tests? Lena or Janine?</p> | <p>22. The fourth grade collected 936 box tops. Each box top earns them one nickel. How much money did the fourth graders make on the box top collections?</p> |
| <p>23. Michael bought 6 packs of football cards for \$7.99 each. Estimate how much Michael spent on football cards.</p> | <p>24. Write an equivalent fraction for $\frac{5}{10}$</p> |



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| <p>25. Write an equivalent fraction for $\frac{1}{2}$</p> | <p>26. Reduce the following fractions:</p> <p>$\frac{8}{12}$</p> <p>$\frac{9}{18}$</p> <p>$\frac{6}{24}$</p> | | | | | | | | | | | | | | |
|--|---|------------------|-------|--|-----|---|------|----|-------|---|--------|---|-------|---|--|
| <p>27. Charles has the following bag of m&m's. What fraction of m&m's are blue?</p> <table><thead><tr><th><u>Color</u></th><th><u>Number of</u></th></tr></thead><tbody><tr><td>m&m's</td><td></td></tr><tr><td>Red</td><td>8</td></tr><tr><td>Blue</td><td>15</td></tr><tr><td>Green</td><td>5</td></tr><tr><td>Yellow</td><td>3</td></tr><tr><td>Brown</td><td>6</td></tr></tbody></table> | <u>Color</u> | <u>Number of</u> | m&m's | | Red | 8 | Blue | 15 | Green | 5 | Yellow | 3 | Brown | 6 | <p>28. Nathan's allowance is \$3.00 a day. Logan's allowance is \$20.00 per week. Who receives the most money?</p> |
| <u>Color</u> | <u>Number of</u> | | | | | | | | | | | | | | |
| m&m's | | | | | | | | | | | | | | | |
| Red | 8 | | | | | | | | | | | | | | |
| Blue | 15 | | | | | | | | | | | | | | |
| Green | 5 | | | | | | | | | | | | | | |
| Yellow | 3 | | | | | | | | | | | | | | |
| Brown | 6 | | | | | | | | | | | | | | |



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| | |
|---|---|
| <p>29. Apples are on sale (4 apples for \$1.28). How much does each apple cost?</p> | <p>30. What is three million, ninety-eight thousand, four hundred five written in standard form?</p> |
| <p>31. Joseph set a goal to do 8 math problems every day for 4 weeks (including weekends!). How many math problems will Joseph have finished by the end of 4 weeks?</p> | <p>32. Write these numbers in order from least to greatest:</p> <p>75,175</p> <p>75,715</p> <p>75,571</p> <p>75,751</p> |



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33.

Jarell and Ariel went out for pizza. Jarell ate $\frac{2}{4}$ of the pizza and Ariel ate $\frac{1}{4}$ of it. What fraction of the pizza did they eat in all?

34.

On Track and field day, TJ threw a ball 76 feet. Thomas threw the ball 121 feet. How much further did Thomas throw the ball then TJ?

35. Write the missing numbers in the pattern below:

7, __, 21, __, 35, 42

36.

Jabari has different colored golf balls. He has 12 orange, 28 yellow, and 14 green golf balls. How many golf balls does Jabari have in all?



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| | |
|---|--|
| <p>37. What operation should you do first to find the value of : $15 - 5 \times 2 + 6$?</p> <p>A. add B. divide C. multiply D. subtract</p> | <p>38. Which list shows the operations in the correct order to find the value of the expression shown?</p> $3 + 8 \div 2 - 5$ <p>A. divide, subtract, add B. add, divide, subtract C. divide, add, subtract D. add, subtract, divide</p> |
| <p>39. If 32,000 pamphlets are mailed equally to 80 businesses, how many pamphlets will each business receive?</p> <p>A. 4 B. 40 C. 400 D. 4,000</p> | <p>40. What is the mode of the following 6 numbers: 12, 10, 14, 14, 11, 9</p> |



Practice. Please show work.

| | |
|---|---|
| <p>41. Add</p> $\begin{array}{r} 55,335 \\ + 4,545 \\ \hline \end{array}$ | <p>42. Subtract</p> $\begin{array}{r} 8,943 \\ - 7,653 \\ \hline \end{array}$ |
| <p>43. Multiply</p> $\begin{array}{r} 2,200 \\ \times 13 \\ \hline \end{array}$ | <p>44. Add</p> $\begin{array}{r} 128 \\ + 433 \\ \hline \end{array}$ |
| <p>45. Subtract</p> $\begin{array}{r} 460 \\ - 15 \\ \hline \end{array}$ | <p>46. Multiply</p> $\begin{array}{r} 122 \\ \times 33 \\ \hline \end{array}$ |
| <p>47. Add</p> $\begin{array}{r} 525 \\ + 629 \\ \hline \end{array}$ | <p>48. Subtract</p> $\begin{array}{r} 345 \\ - 158 \\ \hline \end{array}$ |



Long Division with remainders. Please show work.

| | |
|-----------------------|-----------------------|
| 49. $89 \div 2 =$ | 50. $284 \div 6 =$ |
| 51. $337 \div 5 =$ | 52. $181 \div 2 =$ |
| 53. $39 \div 2 =$ | 54. $814 \div 9 =$ |
| 55. $94 \div 4 =$ | 56. $827 \div 9 =$ |
| 57. $586 \div 8 =$ | 58. $415 \div 7 =$ |



Long Division with remainders. Please show work.

| | |
|-----------------------|-----------------------|
| 59. $875 \div 9 =$ | 60. $403 \div 6 =$ |
| 61. $256 \div 3 =$ | 62. $331 \div 5 =$ |
| 63. $55 \div 3 =$ | 64. $438 \div 5 =$ |
| 65. $540 \div 8 =$ | 66. $796 \div 8 =$ |
| 67. $219 \div 4 =$ | 68. $569 \div 6 =$ |



In and Out Boxes.

Write the rule and fill in the empty box.

| <p>(Example)</p> <table border="1"><thead><tr><th>IN</th><th>OUT</th></tr></thead><tbody><tr><td>65</td><td>67</td></tr><tr><td>70</td><td>72</td></tr><tr><td>71</td><td>73</td></tr><tr><td>72</td><td>74</td></tr></tbody></table> <p>Rule: Add 2</p> | IN | OUT | 65 | 67 | 70 | 72 | 71 | 73 | 72 | 74 | <p>69.</p> <table border="1"><thead><tr><th>IN</th><th>OUT</th></tr></thead><tbody><tr><td>66</td><td></td></tr><tr><td>68</td><td></td></tr><tr><td>72</td><td></td></tr><tr><td>75</td><td></td></tr></tbody></table> <p>Rule:</p> | IN | OUT | 66 | | 68 | | 72 | | 75 | |
|--|-----|-----|----|----|----|----|----|----|----|----|--|----|-----|----|--|----|--|----|--|----|--|
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| 70 | 72 | | | | | | | | | | | | | | | | | | | | |
| 71 | 73 | | | | | | | | | | | | | | | | | | | | |
| 72 | 74 | | | | | | | | | | | | | | | | | | | | |
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| 68 | | | | | | | | | | | | | | | | | | | | | |
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In and Out Boxes.

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| 76. | 77. | | | | | | | | | | | | | | | | | | | | |
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| 75 | 70 | | | | | | | | | | | | | | | | | | | | |
| Rule: | Rule: | | | | | | | | | | | | | | | | | | | | |

Use the place value chart for the next question.



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Place Value Chart

| Hundred-billions | Ten-billions | Billions | Hundred-millions | Ten-millions | Millions | Hundred-thousands | Ten-thousands | Thousands | Hundreds | Tens | Ones |
|------------------|--------------|----------|------------------|--------------|----------|-------------------|---------------|-----------|----------|------|------|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

80. Write the place value of the underlined digit:

Example: 5,467 = hundredths place

1,234,672 _____

33,265 _____

2,345,678 _____

14,999 _____

81. Write the place value of the underlined digit:

11,433 _____

19,565,001 _____

50,000 _____

8,888,888 _____

18,500 _____

82. Find the missing numbers to create equivalent fractions: Example: $\frac{2}{5} = \frac{6}{15}$

($2 \times 3 = 6$ and $5 \times 3 = 15$)

$\frac{5}{6} = \frac{15}{\quad}$

$\frac{4}{20} = \frac{\quad}{100}$

$\frac{1}{7} = \frac{8}{\quad}$

83. Find the missing numbers to create equivalent fractions:

$\frac{3}{4} = \frac{\quad}{12}$

$\frac{7}{8} = \frac{14}{\quad}$

$\frac{1}{2} = \frac{5}{\quad}$

$\frac{3}{5} = \frac{15}{\quad}$



| | |
|---|---|
| <p>84. Change the improper fraction into a mixed number: Example:</p> <p>$13/6 = 2 \frac{1}{6}$ (Hint... $13 \div 6 = 2 \frac{1}{6}$)</p> <p>$11/3 =$</p> <p>$6/5 =$</p> <p>$21/5 =$</p> | <p>85. Change the improper fraction into a mixed number:</p> <p>$45/9 =$</p> <p>$65/8 =$</p> <p>$83/9 =$</p> |
| <p>86. Change the mixed number into an improper fraction.</p> <p>$2 \frac{1}{2} =$</p> <p>$8 \frac{1}{4} =$</p> <p>$4 \frac{3}{4} =$</p> | <p>87. Change the mixed number into an improper fraction.</p> <p>$3 \frac{3}{6} =$</p> <p>$5 \frac{1}{7} =$</p> <p>$4 \frac{1}{5} =$</p> |



88. List all the factors for the following numbers:

(example: $20 = 1 \times 20, 2 \times 10, 4 \times 5$)

24 = _____

18 = _____

36 = _____

12 = _____

64 = _____

27 = _____

89. List all the factors for the following numbers:

16 = _____

30 = _____

49 = _____

25 = _____

45 = _____

28 = _____

90. Round to the nearest thousandth:

5,822 = _____

3,556 = _____

5,371 = _____

4,966 = _____

91. Round to the nearest thousandth:

4,966 = _____

4,177 = _____

8,281 = _____

5,225 = _____

92. Round to the nearest hundredth:

7,192 = _____

6,856 = _____

3,799 = _____

8,422 = _____

93. Round to the nearest Tenth:

44,923 = _____

37,888 = _____

26,553 = _____

85,221 = _____



| | |
|--|---|
| <p>94. Round each number to the nearest dollar:</p> <p>\$75.67=</p> <p>\$75.88=</p> <p>\$98.24=</p> | <p>95. Round each number to the nearest dollar:</p> <p>\$94.56=</p> <p>\$45.32=</p> <p>\$11.93=</p> |
| <p>96. Change the fractions into decimals: (Example: $34/100 = 0.34$)</p> <p>$55/100 =$</p> <p>$15/100 =$</p> <p>$4/100 =$</p> | <p>97. Change the fractions into decimals: (Example: $4/5 = 4 \times 2$, $5 \times 2 = 8/10 = 0.8$)</p> <p>$3/4 =$</p> <p>$3/5 =$</p> <p>$2/5 =$</p> |
| <p>98. Write the following number in expanded form: (Example: $135,679 = 100,000 + 30,000 + 5,000 + 600 + 70 + 9$)</p> <p>$466,276 =$</p> | <p>99. Write the following number in expanded form:</p> <p>$792,736 =$</p> |



100. Multiplication Practice. Please have someone time you.

Completed in _____ minutes.

| | | | | | | | | | |
|-------|-------|------|-------|------|-------|-------|------|------|-------|
| 4x3 | 3x1 | 5x0 | 11x11 | 5x2 | 9x3 | 12x0 | 9x2 | 11x9 | 9x3 |
| 2x0 | 4x5 | 3x2 | 5x1 | 9x4 | 11x10 | 12x1 | 6x4 | 12x4 | 6x10 |
| 6x0 | 2x1 | 4x6 | 3x3 | 5x2 | 5x3 | 11x12 | 2x5 | 6x9 | 12x3 |
| 11x1 | 6x1 | 2x3 | 4x0 | 4x8 | 3x5 | 2x10 | 9x9 | 10x1 | 10x11 |
| 8x12 | 5x6 | 8x3 | 9x6 | 2x5 | 3x7 | 4x10 | 8x5 | 8x6 | 12x5 |
| 6x3 | 10x3 | 5x7 | 2x6 | 2x7 | 2x8 | 3x8 | 4x11 | 10x0 | 6x12 |
| 9x0 | 5x8 | 6x4 | 9x8 | 7x9 | 8x4 | 7x8 | 3x9 | 4x12 | 9x10 |
| 9x11 | 6x5 | 5x9 | 5x10 | 2x11 | 7x6 | 3x12 | 8x7 | 3x10 | 4x1 |
| 10x4 | 6x6 | 1x12 | 8x0 | 5x11 | 11x3 | 9x7 | 3x11 | 4x2 | 7x3 |
| 6x7 | 11x2 | 12x6 | 8x1 | 11x6 | 5x12 | 2x12 | 1x10 | 7x4 | 11x4 |
| 10x5 | 8x2 | 12x7 | 11x8 | 1x0 | 7x5 | 1x9 | 8x11 | 1x11 | 7x2 |
| 7x2 | 6x8 | 10x6 | 1x1 | 10x7 | 1x8 | 8x10 | 9x12 | 7x1 | 11x5 |
| 5x5 | 12x12 | 1x2 | 4x2 | 1x7 | 10x8 | 11x7 | 7x7 | 8x9 | 12x8 |
| 12x11 | 1x3 | 8x2 | 1x6 | 10x9 | 12x9 | 7x0 | 3x9 | 8x8 | 10x10 |

Congratulations!! You have completed the summer math packet.

