

Summer Math Work for Rising 5th Graders
Summer 2025

Welcome to 5th Grade!

Attached you will find review work that will help you prepare for 5th grade.
Your completed packet is due the first day of school.

If you have any questions or have any difficulty completing a section, please have a parent write a note on that page, and we will address it when we are back in school.

Attach any work completed on another piece of paper. This will be graded as a 20-point completion grade.

If you need extra help, there are resources online to assist you.
You may want to go to IXL.com, khanacademy.org, Math with Mr. J on YouTube, or Mathantics.com.

Also, remember to practice your basic facts in addition, subtraction, multiplication, and division!

Have a great summer!
See you in August!

Mrs. Brockmeyer and Mrs. Campbell



Name _____ Date _____

Place Value to Thousands

Write the place of the underlined digit. Then write its value.

1. 12,843 _____
2. 277,725 _____
3. 412,871 _____
4. 808,011 _____

Write the value of 6 in each number.

- | | |
|------------------|-------------------|
| 5. 102,624 _____ | 6. 600,051 _____ |
| 7. 96,877 _____ | 8. 820,206 _____ |
| 9. 233,565 _____ | 10. 162,911 _____ |

Write the number in standard form.

11. seventy-two thousand, four hundred eighty-one _____
12. fifty thousand, nine hundred six _____
13. two hundred five thousand, thirty _____
14. three hundred forty-six thousand, five hundred _____
15. four hundred thousand, eight _____
16. eight hundred thousand, two hundred one _____

Write the word name for each number.

17. 4526 _____
18. 832,040 _____
19. 56,009 _____
20. 111,914 _____

PROBLEM SOLVING

21. The population of San Antonio, Texas in 1990 was 935,393. What is the value of the digit 5 in this number? _____
 22. In 1970 San Francisco, California had a population of 715,674. What is the place of the digit 1 in this number? What is its value? _____
-

Name _____ Date _____

Compare and Order Whole Numbers

Compare. Write $<$, $=$, or $>$.

- | | | |
|---------------------------|---------------------------|--------------------|
| 1. 4924 _____ 4912 | 2. 6082 _____ 4936 | 3. 5078 _____ 5931 |
| 4. 10,035 _____ 24,686 | 5. 32,799 _____ 32,799 | |
| 6. 87,909 _____ 87,800 | 7. 43,538 _____ 43,539 | |
| 8. 659,736 _____ 821,075 | 9. 507,494 _____ 506,944 | |
| 10. 775,387 _____ 775,359 | 11. 139,684 _____ 139,683 | |
| 12. 256,090 _____ 256,009 | 13. 897,146 _____ 899,146 | |

Write in order from least to greatest.

- | | |
|--|-------|
| 14. 6795; 675; 6759; 697 | _____ |
| 15. 27,918; 9778; 9788; 21,988 | _____ |
| 16. 92,248; 93,248; 93,148; 94,000 | _____ |
| 17. 612,038; 621,038; 622,037; 612,037 | _____ |
| | _____ |
| 18. 459,831; 459,381; 395,491; 459,183 | _____ |
| | _____ |

Write in order from greatest to least.

- | | |
|--|-------|
| 19. 3265; 327; 3270; 3720 | _____ |
| 20. 11,450; 111,450; 111,540; 1145 | _____ |
| 21. 509,835; 539,085; 535,895; 593,095 | _____ |
| | _____ |
| 22. 974,000; 947,000; 964,470; 974,004 | _____ |
| | _____ |

PROBLEM SOLVING

23. In the late 1970s, the population of Malawi was 5,561,621; the population of Senegal was 5,085,388 and the population of Tunisia was 5,588,209. List the countries in order from least to greatest population. _____
-

Name _____ Date _____

Round Whole Numbers

Round to the nearest ten.

- | | | | | | |
|--------|-------|---------|-------|----------|-------|
| 1. 36 | _____ | 2. 324 | _____ | 3. 2309 | _____ |
| 4. 192 | _____ | 5. 4419 | _____ | 6. 8008 | _____ |
| 7. 45 | _____ | 8. 728 | _____ | 9. 5631 | _____ |
| 10. 64 | _____ | 11. 192 | _____ | 12. 3875 | _____ |

Round to the nearest hundred.

- | | | | | | |
|------------|-------|------------|-------|------------|-------|
| 13. 934 | _____ | 14. 539 | _____ | 15. 1084 | _____ |
| 16. 860 | _____ | 17. 3453 | _____ | 18. 7529 | _____ |
| 19. 8719 | _____ | 20. 4502 | _____ | 21. 6557 | _____ |
| 22. 16,426 | _____ | 23. 22,538 | _____ | 24. 85,297 | _____ |
| 25. 43,754 | _____ | 26. 52,172 | _____ | 27. 78,358 | _____ |

Round to the nearest thousand.

- | | | | | | |
|-------------|-------|-------------|-------|-------------|-------|
| 28. 1369 | _____ | 29. 6550 | _____ | 30. 37,473 | _____ |
| 31. 9089 | _____ | 32. 85,347 | _____ | 33. 55,500 | _____ |
| 34. 5765 | _____ | 35. 78,148 | _____ | 36. 21,564 | _____ |
| 37. 132,948 | _____ | 38. 983,529 | _____ | 39. 367,155 | _____ |
| 40. 864,443 | _____ | 41. 596,701 | _____ | 42. 246,539 | _____ |

PROBLEM SOLVING

43. In 1840 Wisconsin had a population of 30,945. Round this number to the nearest hundred. Then round it to the nearest thousand.

44. From 1930 to 1950, Alaska's population increased by 415,495. Round this number to the nearest hundred. Then round it to the nearest thousand.

Name _____ Date _____

Add and Subtract Whole Numbers

1.
$$\begin{array}{r} 70 \\ + 53 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 57 \\ + 28 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 81 \\ + 43 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 30 \\ + 77 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 37 \\ + 96 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 46 \\ - 13 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 62 \\ - 45 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 26 \\ - 7 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 82 \\ - 66 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 48 \\ - 37 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 269 \\ + 984 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 816 \\ + 203 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 460 \\ + 748 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 107 \\ + 55 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 820 \\ + 974 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 4213 \\ - 1764 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 8356 \\ - 4523 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 9631 \\ - 6109 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 7562 \\ - 2478 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 6418 \\ - 724 \\ \hline \end{array}$$

Align and add or subtract.

21. $9 + 1030 =$ _____

22. $301 + 76 =$ _____

23. $478 - 99 =$ _____

24. $4284 - 415 =$ _____

25. $736 + 5824 =$ _____

26. $6435 - 5189 =$ _____

PROBLEM SOLVING

27. In one day a toy company made 947 toy cars and 323 toy trucks. How many toy vehicles did it make? _____

28. Mr. Rivera sold 1108 newspapers and 157 magazines in one week. How many items did he sell that week? _____

29. Tony weighs 97 pounds. Marie weighs 118 pounds. How much more does Marie weigh than Tony? _____

30. Hawaii, USA has an area of 6471 square miles. Prince Edward Island, Canada has an area of 2184 square miles. How many square miles smaller is Prince Edward Island than Hawaii? _____

Name _____ Date _____

Multiply One Digit

1.
$$\begin{array}{r} 57 \\ \times 2 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 77 \\ \times 9 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 81 \\ \times 4 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 14 \\ \times 8 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 53 \\ \times 5 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 86 \\ \times 6 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 37 \\ \times 9 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 94 \\ \times 3 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 70 \\ \times 5 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 45 \\ \times 4 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 829 \\ \times 8 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 589 \\ \times 9 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 910 \\ \times 2 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 695 \\ \times 9 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 243 \\ \times 5 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 725 \\ \times 6 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 579 \\ \times 3 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 351 \\ \times 4 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 862 \\ \times 7 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 373 \\ \times 9 \\ \hline \end{array}$$

Find the product.

21. $3 \times 295 =$ _____

22. $9 \times 36 =$ _____

23. $7 \times 979 =$ _____

24. $6 \times 162 =$ _____

25. $4 \times 49 =$ _____

26. $8 \times 722 =$ _____

PROBLEM SOLVING

27. A car is travelling at an average speed of 55 miles per hour. How far will the car travel in 8 hours?

28. An auditorium can seat 356 people. If all the seats are filled for each performance of a play, how many people can attend 3 performances?

Name _____ Date _____

One-Digit Quotients

1. $2\overline{)17}$

2. $3\overline{)29}$

3. $5\overline{)37}$

4. $8\overline{)71}$

5. $6\overline{)23}$

6. $9\overline{)56}$

7. $4\overline{)19}$

8. $7\overline{)38}$

9. $8\overline{)65}$

10. $6\overline{)44}$

11. $5\overline{)28}$

12. $7\overline{)52}$

13. $17 \div 3$

14. $82 \div 9$

15. $29 \div 4$

16. $38 \div 6$

17. $65 \div 9$

18. $59 \div 8$

19. $33 \div 5$

20. $40 \div 7$

PROBLEM SOLVING

21. Ronnie has 49 pencils. If he puts 5 pencils in each packet, how many packets can he fill? How many pencils will be left over?

22. Ling has to stack 76 mugs. Each stack can have no more than 8 mugs. How many stacks of 8 mugs can Ling make? How many mugs will be in the last stack?

Name _____ Date _____

Two-Digit Quotients

1. $4\overline{)64}$

2. $5\overline{)90}$

3. $2\overline{)52}$

4. $6\overline{)72}$

5. $7\overline{)86}$

6. $3\overline{)41}$

7. $8\overline{)94}$

8. $3\overline{)57}$

9. $2\overline{)35}$

10. $5\overline{)99}$

11. $4\overline{)73}$

12. $6\overline{)92}$

13. $73 \div 2$

14. $95 \div 4$

15. $59 \div 5$

16. $87 \div 6$

17. $39 \div 2$

18. $83 \div 5$

PROBLEM SOLVING


19. Maya and her 3 friends want to share 48 pennies equally. How many pennies should each friend receive?


20. There are 57 cans of tomatoes. How many boxes can be filled if each box holds 4 cans? How many cans will be left over?


Name _____ Date _____


Fractions

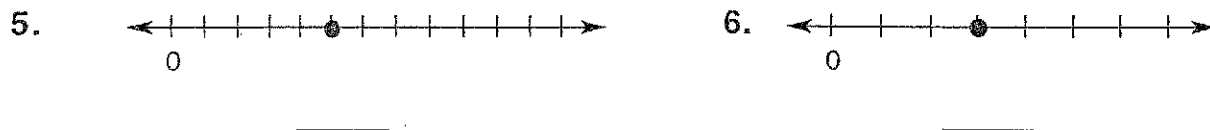
Write the fraction for the shaded part or point on the number line.

1.  _____

2.  _____

3.  _____

4.  _____



Draw a model to show each fraction.

7. $\frac{7}{9}$ as part of a whole

8. $\frac{4}{5}$ as a point on a number line

Write the fraction in standard form.

9. seven eighths _____ 10. two thirds _____ 11. two elevenths _____

12. The numerator is 7.
The denominator is 12. _____

13. The numerator is 2.
The denominator is 7. _____

Write the word name for each fraction.

14. $\frac{3}{5}$ _____

15. $\frac{9}{10}$ _____

16. $\frac{5}{6}$ _____

17. $\frac{1}{4}$ _____

18. $\frac{3}{8}$ _____

19. $\frac{5}{12}$ _____

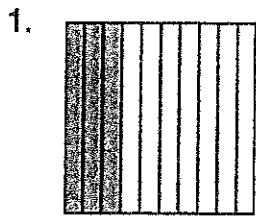
20. $\frac{7}{12}$ _____

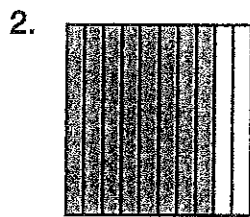
21. $\frac{3}{20}$ _____

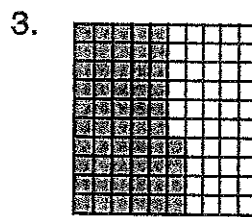
Name _____ Date _____

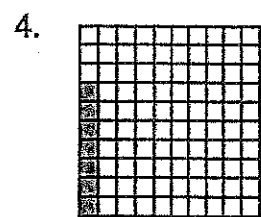
Tenths and Hundredths

Write a fraction and a decimal for each.









Write as a decimal.

5. $\frac{4}{10}$ _____

6. $\frac{7}{10}$ _____

7. $\frac{2}{10}$ _____

8. $\frac{3}{10}$ _____

9. $\frac{75}{100}$ _____

10. $\frac{6}{100}$ _____

11. $\frac{12}{100}$ _____

12. $\frac{2}{100}$ _____

Write the decimal in standard form.

13. three tenths _____

14. six tenths _____

15. nine hundredths _____

16. twelve hundredths _____

Write the word name for each decimal.

17. 0.4 _____

18. 0.2 _____

19. 0.05 _____

20. 0.08 _____

21. 0.76 _____

22. 0.18 _____

Write an equivalent decimal.

23. 0.5 _____

24. 0.60 _____

25. 0.9 _____

26. 0.20 _____

Compare. Write $<$, $=$, or $>$.

27. 0.30 _____ 0.03

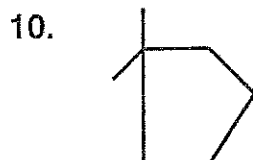
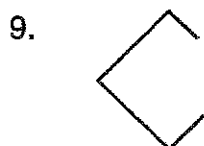
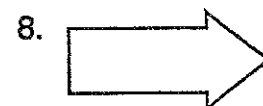
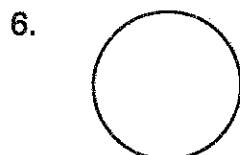
28. $\frac{6}{100}$ _____ 0.6

29. 0.8 _____ 0.80

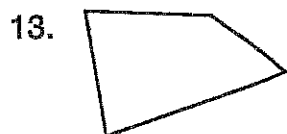
Name _____ Date _____

Identify Polygons

Decide if each figure is a polygon. Write *Yes* or *No*.



Name each polygon.



PROBLEM SOLVING

17. A polygon has 6 sides and 6 vertices.
What is its name?

18. A quadrilateral has 4 angles. How many
sides does it have? how many vertices?

19. A polygon has 3 sides. How many angles
does it have? how many vertices?
which polygon is it?

Equivalent Fractions

Use the given chart to find equivalent fractions.

1. $\frac{2}{3} = \frac{\quad}{9}$
2. $\frac{4}{8} = \frac{\quad}{4}$
3. $\frac{3}{4} = \frac{\quad}{8}$
4. $\frac{1}{2} = \frac{\quad}{10}$
5. $\frac{1}{2} = \frac{\quad}{4}$
6. $\frac{3}{4} = \frac{\quad}{12}$
7. $\frac{1}{3} = \frac{\quad}{6}$
8. $\frac{6}{9} = \frac{\quad}{6}$
9. $\frac{2}{10} = \frac{\quad}{5}$
10. $\frac{2}{3} = \frac{\quad}{12}$
11. $\frac{2}{12} = \frac{\quad}{6}$
12. $\frac{1}{2} = \frac{\quad}{6}$

1											
$\frac{1}{2}$						$\frac{1}{2}$					
$\frac{1}{3}$				$\frac{1}{3}$				$\frac{1}{3}$			
$\frac{1}{4}$			$\frac{1}{4}$			$\frac{1}{4}$			$\frac{1}{4}$		
$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$	
$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$	
$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$	
$\frac{1}{9}$		$\frac{1}{9}$		$\frac{1}{9}$		$\frac{1}{9}$		$\frac{1}{9}$		$\frac{1}{9}$	
$\frac{1}{10}$		$\frac{1}{10}$		$\frac{1}{10}$		$\frac{1}{10}$		$\frac{1}{10}$		$\frac{1}{10}$	
$\frac{1}{12}$		$\frac{1}{12}$		$\frac{1}{12}$		$\frac{1}{12}$		$\frac{1}{12}$		$\frac{1}{12}$	

Use the chart above to compare. Write $<$, $=$, or $>$.

13. $\frac{1}{3} \quad \frac{2}{6}$
14. $\frac{1}{5} \quad \frac{1}{10}$
15. $\frac{2}{9} \quad \frac{2}{3}$
16. $\frac{2}{3} \quad \frac{6}{6}$
17. $\frac{3}{5} \quad \frac{4}{10}$
18. $\frac{2}{8} \quad \frac{2}{6}$
19. $\frac{8}{10} \quad \frac{2}{3}$
20. $\frac{6}{10} \quad \frac{3}{5}$
21. $\frac{1}{6} \quad \frac{1}{8}$
22. $\frac{4}{5} \quad \frac{8}{10}$
23. $\frac{6}{12} \quad \frac{4}{6}$
24. $\frac{1}{2} \quad \frac{3}{8}$
25. $\frac{8}{10} \quad \frac{8}{9}$
26. $\frac{3}{5} \quad \frac{2}{3}$
27. $\frac{1}{5} \quad \frac{3}{10}$
28. $\frac{5}{8} \quad \frac{5}{6}$

Write the missing number to complete the equivalent fraction.

29. $\frac{8}{10} = \frac{\quad}{5}$
30. $\frac{4}{12} = \frac{1}{\quad}$
31. $\frac{2}{4} = \frac{\quad}{8}$
32. $\frac{5}{10} = \frac{1}{\quad}$
33. $\frac{3}{9} = \frac{\quad}{6}$
34. $\frac{8}{12} = \frac{\quad}{3}$
35. $\frac{9}{12} = \frac{3}{\quad}$
36. $\frac{3}{6} = \frac{\quad}{2}$
37. $\frac{3}{4} = \frac{6}{\quad}$
38. $\frac{2}{3} = \frac{4}{\quad}$
39. $\frac{2}{8} = \frac{1}{\quad}$
40. $\frac{3}{5} = \frac{\quad}{10}$

Summer Reading

Rising 5th graders

Welcome to 5th Grade!

Please read the directions carefully.

Directions:

1. Read Because of the Rabbit by Cynthia Lord. This is the required book.
 - Be ready to discuss Because of the Rabbit when we return to school. A short assessment will be given.
2. Read a **SECOND** chapter book of your choice that is age appropriate and one that you have not read before. Then complete the handout according to the directions below.
 - a. "Story Map" handout-write the title, author, characters, and setting in cursive. Draw a beginning, middle, and end scene in pencil and color your illustrations in crayon or colored pencil.
 - b. "Beginning, Middle, End" handout-Draw the cover of the book, the setting, and the main character(s) in pencil. Color your illustrations in crayon or colored pencil. Next, write an explanation in cursive of the beginning, the middle and the end of the book. Please write in complete sentences and use correct capitalization, punctuation, and grammar.
- *Optional: A Certificate of Achievement will be awarded for reading an additional 6 chapter books. Turn in your written list of books when you return to school.*

Have a wonderful summer!
See you in August!
Mrs. Campbell

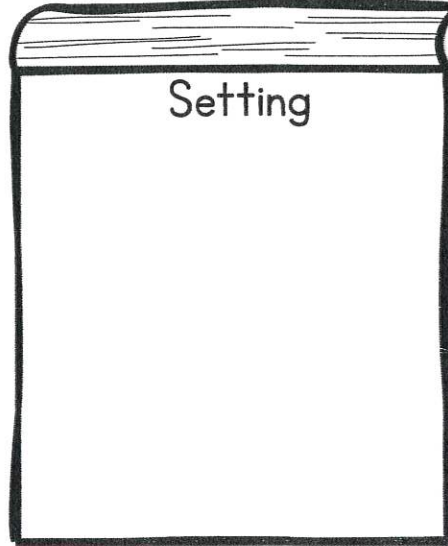
Beginning, Middle, and End

Name _____

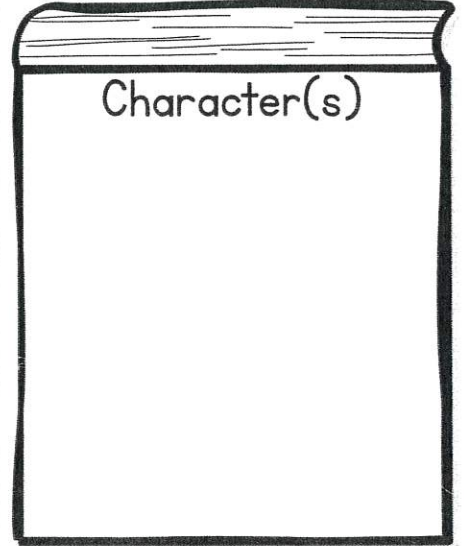
Date _____

A simple line drawing of a book with a rounded spine and a flat cover. The cover is divided into two sections: a smaller top section for the title and author, and a larger bottom section for the main text.

Title and Author

A simple line drawing of a book with a rounded spine and a flat cover. The cover is divided into two sections: a smaller top section for the title and author, and a larger bottom section for the main text.

Setting

A simple line drawing of a book with a rounded spine and a flat cover. The cover is divided into two sections: a smaller top section for the title and author, and a larger bottom section for the main text.

Character(s)

At the beginning, _____

Then, _____

Finally, _____

STORY MAP

Name _____ Date _____

Title and Author		
Character(s)	Setting	
BEGINNING	MIDDLE	END