

2024

5TH GRADE SUMMER MATH

Parents:

Included in this packet you will find your child's summer math workbook. This work is due on the first day of school next year. This math packet will be graded and will count as your child's first quiz grade in 5th grade math.

This work contains a review of skills that your child learned while in the 4th grade. If your child needs help remembering how to work these problems, Khan Academy is a great online resource. The website for Khan is [khanacademy.org/](https://www.khanacademy.org/) Once you get to the website, press sign up as a learner or parent. Once you are signed in, you will be able to search for videos related to these math skills. The videos do a great job of breaking down the skills into smaller steps, making it easy for students to follow.

Thanks,

Walter Leveritt  
5th Grade Math Teacher  
Bulloch Academy

[wleveritt@bullochacademy.com](mailto:wleveritt@bullochacademy.com)



## Factoring numbers between 4 and 100

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### Grade 4 Factoring Worksheet

Example: The factors of 18 are 1, 2, 3, 6, 9 and 18

List the factors for each number.

1. 86 \_\_\_\_\_

2. 7 \_\_\_\_\_

3. 12 \_\_\_\_\_

4. 77 \_\_\_\_\_

5. 38 \_\_\_\_\_

6. 52 \_\_\_\_\_

7. 9 \_\_\_\_\_

8. 73 \_\_\_\_\_

9. 98 \_\_\_\_\_

10. 24 \_\_\_\_\_

11. 6 \_\_\_\_\_

12. 80 \_\_\_\_\_



## Long Division with remainders within 1-10,000

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### Grade 4 Division Worksheet

Find the quotient with remainder.

1.  $4 \overline{) 6,743}$

2.  $2 \overline{) 7,685}$

3.  $2 \overline{) 8,731}$

4.  $7 \overline{) 8,360}$

5.  $4 \overline{) 5,910}$

6.  $5 \overline{) 4,817}$

7.  $8 \overline{) 3,515}$

8.  $7 \overline{) 5,134}$

9.  $8 \overline{) 6,029}$

## Mixed word problems

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### Grade 4 Word Problems Worksheets

*Read and answer each question:*

Liam was sick last Friday.

1. He usually gets up at 7:35 a.m. Since he was sick, he got up 1 hour and 35 minutes later than usual. What did he get up?
2. He has some pain killers at home for his headache and fever. There are 36 tablets left in the bottle and he is supposed to take 2 tablets at a time, 4 times a day. How many tablets will be left after one day? How many days before he runs out of tablets?
3. Liam went to the doctor. There are 8 patients waiting. The nurse told him it will be his turn after 2 hours. How many minutes would the doctor use to see each patient?
4. Liam had read that oranges are good for him. He went to buy 8 oranges at the grocery store. Each orange weighed 150 grams. What was the total weight (measured in Kg) of the 8 oranges?
5. Liam ate  $1\frac{3}{8}$  of an orange before he took his medicine and ate another  $2\frac{1}{8}$  of an orange afterwards. How much orange did he eat?





## Multiply in columns - 1 digit by 4 digit

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### Grade 4 Multiplication Worksheet

Find the product.

$$\begin{array}{r} 1. \quad 1,542 \\ \times \quad 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 4,717 \\ \times \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 2,426 \\ \times \quad 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 8,779 \\ \times \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 6,025 \\ \times \quad 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 5,563 \\ \times \quad 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 2,261 \\ \times \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 8,683 \\ \times \quad 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 2,487 \\ \times \quad 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 1,894 \\ \times \quad 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 8,645 \\ \times \quad 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 1,043 \\ \times \quad 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 4,220 \\ \times \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 4,267 \\ \times \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 2,088 \\ \times \quad 4 \\ \hline \\ \hline \end{array}$$



## Ordering decimals

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### Grade 4 Decimals Worksheet

Write the numbers from smallest to largest.

- |    |            |    |            |    |            |
|----|------------|----|------------|----|------------|
| 1. | 9.34 _____ | 2. | 8.11 _____ | 3. | 5.94 _____ |
|    | 83.9 _____ |    | 34.1 _____ |    | 8.65 _____ |
|    | 21.4 _____ |    | 1.29 _____ |    | 7.7 _____  |
|    | 0.96 _____ |    | 3.16 _____ |    | 6.23 _____ |

- |    |            |    |            |    |            |
|----|------------|----|------------|----|------------|
| 4. | 9.58 _____ | 5. | 58.1 _____ | 6. | 7.30 _____ |
|    | 29.6 _____ |    | 2.74 _____ |    | 0.28 _____ |
|    | 6.70 _____ |    | 35.4 _____ |    | 0.01 _____ |
|    | 94.1 _____ |    | 0.65 _____ |    | 3.63 _____ |

- |    |            |    |            |    |            |
|----|------------|----|------------|----|------------|
| 7. | 1.43 _____ | 8. | 4.3 _____  | 9. | 7.93 _____ |
|    | 0.54 _____ |    | 21.7 _____ |    | 5.94 _____ |
|    | 4.57 _____ |    | 2.16 _____ |    | 0.93 _____ |
|    | 0.05 _____ |    | 2.28 _____ |    | 28.7 _____ |



## Multiply in columns - 1 digit by 3 digit

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### Grade 4 Multiplication Worksheet

Find the product.

$$\begin{array}{r} 1. \quad 822 \\ \times \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 876 \\ \times \quad 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 899 \\ \times \quad 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 343 \\ \times \quad 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 216 \\ \times \quad 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 652 \\ \times \quad 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 227 \\ \times \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 264 \\ \times \quad 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 710 \\ \times \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 980 \\ \times \quad 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 637 \\ \times \quad 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 701 \\ \times \quad 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 201 \\ \times \quad 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 629 \\ \times \quad 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 313 \\ \times \quad 2 \\ \hline \\ \hline \end{array}$$



## Subtracting 3-digit numbers, with regrouping

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### Grade 4 Subtraction Worksheet

Find the difference.

$$\begin{array}{r} 1. \quad 705 \\ - 136 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 253 \\ - 133 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 553 \\ - 298 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 795 \\ - 184 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 251 \\ - 153 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 658 \\ - 296 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 725 \\ - 371 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 556 \\ - 311 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 595 \\ - 488 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 249 \\ - 118 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 426 \\ - 281 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 277 \\ - 170 \\ \hline \\ \hline \end{array}$$



## Addition and subtraction word problems

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### Grade 4 Word Problems Worksheet

Read and answer each question:

The table shows the number of people visiting an art museum over 3 months.

	January	February	March
Child	28	34	56
Adult	59	?	55
Senior	15	22	?
Total	?	139	?

1. What is the total number of people that visited the art museum in January?
2. Compared to January, how many more children go to the museum in February?
3. How many adults visited the museum in February?
4. 16 more seniors visited in March than the number that visited in January and February combined. How many seniors visited the museum in March?
5. Which month had the highest number of visitors?
6. Write an equation using “x” and then solve the equation.  
“In February, there were x museum pass holders admitted to the museum. 68 of the visitors did not have a museum pass.”

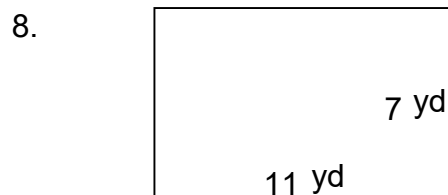
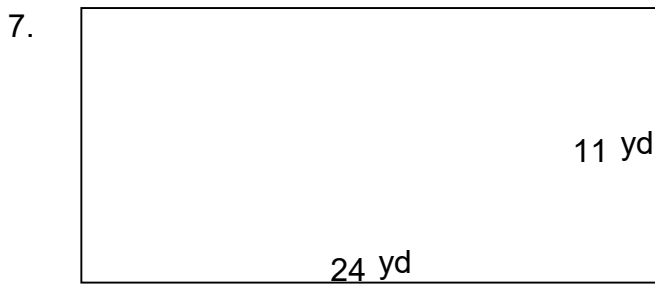
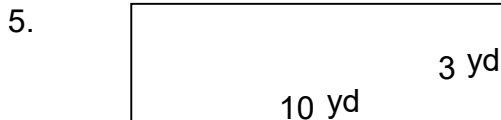
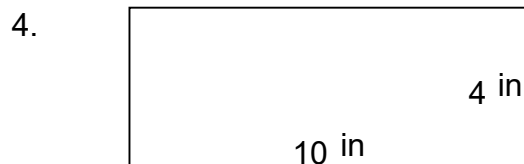
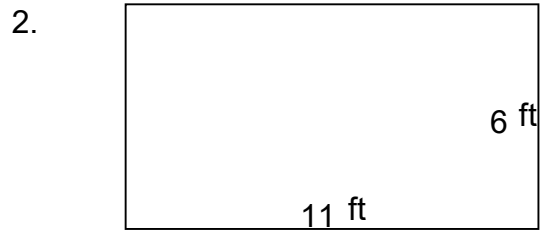
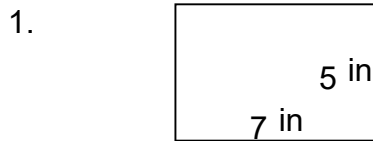


# Rectangles - area and perimeter

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## Grade 4 Geometry Worksheet

Find the perimeter and area of each rectangle.





## Convert between cups, pints, quarts & gallons

### Grade 4 Measurement Worksheet

Note: 1 gallon (gal) = 4 quarts (qt) = 8 pints (pt) = 16 cups (c)

Example: 11 pt = 5 qt 1 pt

Convert the given measures to new units.

1. 19 pt = \_\_\_\_\_ gal      2. 15 qt = \_\_\_\_\_ gal

3. 13 gal = \_\_\_\_\_ c      4. 7 gal = \_\_\_\_\_ qt

5. 7 pt = \_\_\_\_\_ qt      6. 18 gal = \_\_\_\_\_ c

7. 5 gal = \_\_\_\_\_ qt      8. 12 gal = \_\_\_\_\_ qt

9. 6 pt = \_\_\_\_\_ gal      10. 11 c = \_\_\_\_\_ gal

11. 1 qt = \_\_\_\_\_ c      12. 11 gal = \_\_\_\_\_ pt

13. 7 c = \_\_\_\_\_ gal      14. 5 qt = \_\_\_\_\_ gal

15. 16 qt = \_\_\_\_\_ c      16. 4 c = \_\_\_\_\_ gal

17. 14 qt = \_\_\_\_\_ pt      18. 5 c = \_\_\_\_\_ qt