5th Grade
Summer Math Packet

Parents:

Included in this packet are the summer math assignments for your rising 5th grader! All pages will be due on the first day of school, August 7, 2025. This entire math packet will be graded and entered as your child's first quiz grade in 5th grade math.

This packet contains a review of skills that your child learned while in the 4th grade. If your student needs help remembering how to work these problems, Khan Academy is a great online resource. The website for Khan is khanacademy.org/ Once you get to the website, press sign up as a learner or parent. After 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.

It is also very important that you review fast facts! Our curriculum begins with the understanding that fast facts have been learned, so please make sure your student has this foundational knowledge!

Have a wonderful summer!

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Subtracting 3-digit numbers, with regrouping

Grade 4 Subtraction Worksheet

Find the difference.

1. 705
   - 136
   _____

2. 253
   - 133
   _____

3. 553
   - 298
   _____

4. 795
   - 184
   _____

5. 251
   - 153
   _____

6. 658
   - 296
   _____

7. 725
   - 371
   _____

8. 556
   - 311
   _____

9. 595
   - 488
   _____

10. 249
    - 118
    _____

11. 426
    - 281
    _____

12. 277
    - 170
    _____

Multiply in columns - 1 digit by 3 digit

Grade 4 Multiplication Worksheet

Find the product.

1.
$$822 \times 9$$

2.
$$876 \times 7$$

3.
$$899 \times 6$$

4.
$$343 \times 1$$

5.
$$216 \times 2$$

6.
$$652 \times 3$$

7.
$$227 \times 8$$

8.
$$264 \times 3$$

9.
$$710 \times 8$$

10.
$$980 \times 2$$

11.
$$637 \times 6$$

12.
$$701 \times 5$$

13.
$$201 \times 1$$

14.
$$629 \times 6$$

15.
$$313 \times 2$$

Multiply in columns - 1 digit by 3 digit

Grade 4 Multiplication Worksheet

Find the product.

1. $\begin{array}{r} 822 \\ \times\quad 9 \\ \hline \end{array}$	2. $\begin{array}{r} 876 \\ \times\quad 7 \\ \hline \end{array}$	3. $\begin{array}{r} 899 \\ \times\quad 6 \\ \hline \end{array}$
4. $\begin{array}{r} 343 \\ \times\quad 1 \\ \hline \end{array}$	5. $\begin{array}{r} 216 \\ \times\quad 2 \\ \hline \end{array}$	6. $\begin{array}{r} 652 \\ \times\quad 3 \\ \hline \end{array}$
7. $\begin{array}{r} 227 \\ \times\quad 8 \\ \hline \end{array}$	8. $\begin{array}{r} 264 \\ \times\quad 3 \\ \hline \end{array}$	9. $\begin{array}{r} 710 \\ \times\quad 8 \\ \hline \end{array}$
10. $\begin{array}{r} 980 \\ \times\quad 2 \\ \hline \end{array}$	11. $\begin{array}{r} 637 \\ \times\quad 6 \\ \hline \end{array}$	12. $\begin{array}{r} 701 \\ \times\quad 5 \\ \hline \end{array}$
13. $\begin{array}{r} 201 \\ \times\quad 1 \\ \hline \end{array}$	14. $\begin{array}{r} 629 \\ \times\quad 6 \\ \hline \end{array}$	15. $\begin{array}{r} 313 \\ \times\quad 2 \\ \hline \end{array}$

Multiply in columns - 1 digit by 4 digit

Grade 4 Multiplication Worksheet

Find the product.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Long Division with remainders within 1-10,000

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.

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

Factoring numbers between 4 and 100

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 _____

Ordering decimals

Write the numbers from smallest to largest.

1. 9.34 _____
   83.9 _____
   21.4 _____
   0.96 _____

2. 8.11 _____
   34.1 _____
   1.29 _____
   3.16 _____

3. 5.94 _____
   8.65 _____
   7.7 _____
   6.23 _____

4. 9.58 _____
   29.6 _____
   6.70 _____
   94.1 _____

5. 58.1 _____
   2.74 _____
   35.4 _____
   0.65 _____

6. 7.30 _____
   0.28 _____
   0.01 _____
   3.63 _____

7. 1.43 _____
   0.54 _____
   4.57 _____
   0.05 _____

8. 4.3 _____
   21.7 _____
   2.16 _____
   2.28 _____

9. 7.93 _____
   5.94 _____
   0.93 _____
   28.7 _____

Convert between cups, pints, quarts & gallons

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
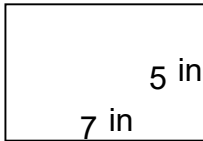
15. 16 qt = _____ c

16. 4 c = _____ gal

17. 14 qt = _____ pt

18. 5 c = _____ qt
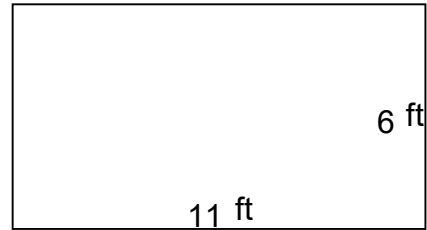
Rectangles - area and perimeter

Grade 4 Geometry Worksheet
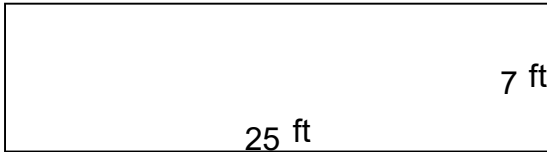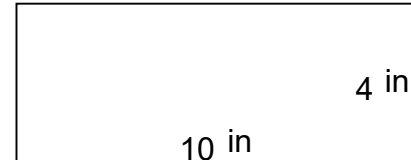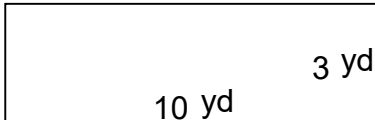
Find the perimeter and area of each rectangle.

1.

5 in
7 in

_____

2.

6 ft
11 ft

3.

7 ft
25 ft

_____

4.

4 in
10 in

5.

3 yd
10 yd

_____
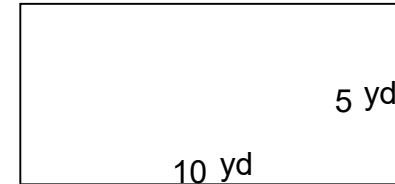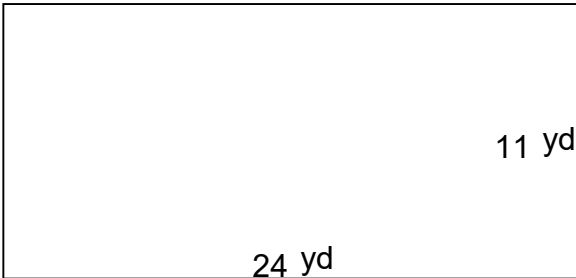
6.
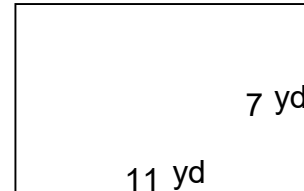
5 yd
10 yd

7.

11 yd
24 yd

_____

8.

7 yd
11 yd

_____

Addition and subtraction word problems

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."

Mixed word problems

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?

Mixed word problems

An aquarium opens at 10 a.m. and closes at 8 p.m.

1. How many hours are the aquarium open in a day?

2. On Saturday, 351 people are admitted to the aquarium. Over the weekend, there were total of 642 people admitted to the aquarium. Were there more people going to the aquarium on Saturday or on Sunday?

3. The admission price for an adult is $5.50. The admission price for a child is $3. How much is the total cost for a mother to bring her two children to the aquarium?

4. There are total of 32 staff members working in the aquarium $\frac{5}{8}$ of the staff are security guards. How many security guards are there in the aquarium?

5. The security guards are equally divided into four teams to rotate with the shifts. How many guards are there in each team?