5th Grade Summer Packet

5th Grade Reading Requirement: Continued reading over the summer will help children maintain their reading levels and promote vocabulary growth. Students should read at least two novels over the summer. In addition, students should read nonfiction texts.

Each student must turn in a book report for a nonfiction and a fiction novel when school begins for the 2020-21 academic year. (See attached for book report forms.) Book reports are due on the **second day** of school. Students will receive five bonus points on their first reading test for turning in the book report on time and completed correctly. **Students do not have to bring the book to school.** Books do not have to be on the suggested reading list. However, books not on the list must have a reading level no lower than 4.5 (4th grade fifth month). We encourage your child to take an AR test the first week of school on both books.

5th Grade Suggested Summer Reading

Title	Author	Book Level	AR Points
Fiction			
Frindle	Andrew Clements	5.4	2.0
Number the Stars	Lois Lowery	4.5	4.0
The City of Ember	Jeanne Duprau	5.0	9.0
Hatchet	Gary Paulsen	5.7	7.0
Matilda	Roald Dahl	5.0	6.0
From the Mixed-Up Files of Mrs. Basil E. Frankweiler	E.L. Koningsburg	4.7	5.0
Island of the Blue Dolphins	Scott O'Dell	5.4	6.0
Non Fiction			
The Great American Dust Bowl	Don Brown	5.1	0.5
Worst of Friends: Thomas Jefferson, John Adams, and the True Story of an American Feud	Suzanne Tripp Jurmain	5.2	0.5
Pop! The Invention of Bubble Gum	Meghan McCarthy	4.8	0.5
The Boy Who Harnessed the Wind (Young Readers Editions)	William Kamkwamba	5.8	9.0

5th Grade MobyMax Requirements: regular use of MobyMax over the summer will help prevent students from losing any gains made during the school year.

- Math Fact Fluency should be practiced at least three times a week
- Vocabulary lessons should be completed at least three times a week
- Grammar/language lessons will give students a great head start on 5th grade requirements for writing and language arts
- Use additional MobyMax time to work on math lessons, reading skills informational, and reading skills literature. This will help build the knowledge needed for 5th grade.

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5th Grade Math Requirement: A math packet has been included. This packet covers a variety of skills that students should have learned in previous grades and skills we will work on in 5th grade. Use the packet to practice what you already know and to see how much you can do to get you ready for next school year.

- Students **MUST** know their multiplication facts. We take weekly timed fact drills, three of which count for a grade each quarter.
  - Google "Hit the Button" to practice facts in one minute
  - MobyMax fact fluency is great practice
- Practice subtracting whole numbers (up to 5 digits) with regrouping
- Practice multiplying a 2-digit number by a 2-digit numbers. 4th grade used a variety of strategies, 5th grade uses only the standard algorithm. Warm up with strategies used in 4th grade and try to progress to using only the standard algorithm.
- Practice dividing 4-digit whole numbers by a 1-digit divisor. 4th grade used a variety of strategies, and 5th grade continues to use a variety of strategies.
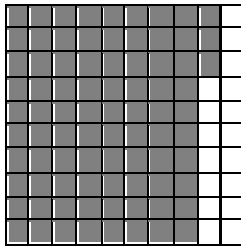
Solve on a separate sheet of paper. Show all of your work. Keep your work neat. **You are expected to turn in your work with your packet when school starts.**

1) A local car dealer sold 870 cars last month. He sold 100 **MORE** cars   this month than last month. How many cars did he sell this month?

2) Which means the same as 7,046?

   a) 7000 + 40 + 6   b) 7000 + 406
   c) 700 + 40 + 6   d) 70 + 46

3) The shaded part of this picture shows what decimal number?

   a) 0.17   b) 0.38
   c) 0.83   d) 1.3

4) A television set costs $248. This number is **CLOSEST** to:

   a) $250   b) $275
   c) $300   d) $350

5)   There are 2 cupcakes in a package. Mrs. Carroll bought 4 packages. Which number sentence could be used to find out how many cupcakes she bought?

   a) $4 \div 2 = \square$ b) $4 + 2 = \square$

   c) $4 \times 2 = \square$ d) $4 - 2 = \square$

6) Solve this problem: $36 \div 9 = n$

7) Solve $2,456 + 986 =$ _____

8) Solve $243,092 - 187,088 = ?$

9) Solve this problem: $\$3.78 + \$4.69 = n$

10) The 56 students in the fifth grade were divided into 8 teams. Charlotte was on Team 5. How many students were on each team?

11) Sue-Lee scored 93 points on a science test on Monday and 77 points on a science test on Friday. What was the difference between her two scores?

12) The amount of milk in a glass would **BEST** be measured in

    a) Ounces   b) Gallons
    c) Quarts   d) Pounds

Examine the table below. Use the table to answer questions 13-15.

AMUSEMENT PARK RIDES

Ride	Number of Riders
Merry-Go-Round	460
Roller Coaster	842
Ferris Wheel	891
Bumper Cars	967

13) If it cost $2 for each ride, how much money was spent riding the ferris wheel?

14) Which ride did people spend the most money on? How much money was spent?

15) What total was the least amount spent on a ride? On which ride was it?

16) Find an equivalent fraction for each of the following:

$$\frac{4}{6} = \text{\_\_\_\_\_} \qquad\qquad \frac{1}{2} = \text{\_\_\_\_\_} \qquad\qquad \frac{1}{3} = \text{\_\_\_\_\_}$$

17) Add the following:

$$\frac{2}{4} + \frac{1}{4} = \text{\_\_\_\_\_} \qquad \frac{3}{8} + \frac{4}{8} = \text{_____} \qquad \text{CHALLENGE: } \frac{1}{4} + \frac{2}{3} = \text{_____}$$

18) Round the following to the nearest hundred:

    23,456 _____   146,239 _____

19) Write 29,705 in expanded form.

_____

20) Write 8,243.7 in word form.

_____

21) $23.45 + $38.58 = _____

22) 27 x 9 = ??   23) 218 x 5 = ??

24) 195 x 13 = _____   25) 106 x 21 = _____

26) Change $3\frac{2}{5}$ to an improper fraction

27) Change $\frac{17}{6}$ to a mixed number

Draw an example of each of the following:

28) Trapezoid   29) Rhombus

30) Rectangle   31) Parallelogram

32) 5 ft = _____ in   33) 4 gal = _____ qt

34) 7 lb = _____ oz   35) 16 pt = _____ c

36) Find the area of a rectangle with a length of 8 ft and a width of 11 ft.

37) Find the least common multiple of 8 & 6

38) Find the greatest common factor of 24 & 56

39) 8,457 - _____ = 2,314   **40)** 12,489 + _____ = 16, 034

41) _____ x 9 = 306   **42)** _____ ÷ 6 = 24

43) One egg carton holds 12 eggs. How many cartons will it take to hold 60 eggs?

44) CHALLENGE: Steve, Laura, and Carly are in a band. There will be a total of 18 songs. Laura will sing 8 songs. Carly will sing 6 less than Steve. How many songs will Steve sing?

45) Karen sold 9 ribbons and 5 pins at the craft fair. She sold the ribbons for $4 each and the pins for $3 each. How much money did Karen earn at the fair?

46) CHALLENGE:

Which number am I?   78   86   93   67   57   82   71   99

- I am not a prime number
- One of my factors is 3
- I am more than 8 x 8
- I am one away from a multiple of 7

47) CHALLENGE:

Which number am I? 1458   2138   1809   2509   1872   1917   2008   1836

- My nearest thousand in 2000
- My digits total is greater than 14
- I am divisible by 9
- If you round me to the nearest 100, I round down not up
- The difference between my largest and smallest digit is 7