

Sixth Grade Summer Reading and Math Projects

Welcome to sixth grade! The sixth grade team looks forward to meeting you in September. In order to prepare for sixth grade, please complete the following **two assignments**. If you have any questions regarding the LAL assignment, contact Mrs. Coffey at coffeya@stratford.k12.nj.us or Mrs. Marinucci at marinuccis@stratford.k12.nj.us. For MATH, contact Mrs. Cuneo at cuneom@stratford.k12.nj.us. Both assignments are **DUE THE 1ST DAY OF SCHOOL, Wednesday, September 5th, 2019.**

1. **Independent Reading Novel:** Please choose one novel to read over the summer. This novel should be fictional and AT LEAST 180 pages. Be prepared to take a test (an AR test) on this book when you arrive in September. This will count as your first Reading **TEST GRADE!** *Please check that your selected novel has an Accelerated Reader test available (Use this website to check: <http://arbookfind.com/default.aspx>. Type in the title and author of your book on this website, if it comes up, you're good to go. If not, check the spelling of your title and author again, and if it still doesn't come up, you'll need to select a new book.* If you have ANY questions, email Mrs. Coffey and Mrs. Marinucci.
2. **Math Mastery Quiz:** This math project consists of **5th grade skills** that should be mastered before entering 6th grade. Complete the packet **showing all work ON THE QUIZ**. Then **transfer all your answers** onto the provided answer sheet. You may **NOT use a calculator**. Each answer not recorded will be marked as incorrect. Each question answered without showing work will be marked incorrect. This assignment is **due the first day of school**. Each day it is late, 10 points will be deducted from your grade. If you do not turn in this assignment, you will receive a **zero for a quiz grade**.

Rainy Day Practice: IXL.com is a fabulous resource to keep your brain active and prepare for 6th grade. Hop on **5th grade skills** anytime for extra practice. Your goal should be an 80% or higher Smart Score after completing 20 problems for each skill. Next year, this will be your target score in both LAL and Math. 20+ problems with 80+ smart score = 100% grade!!!

Stay sharp and have a great summer! See you in September ready to learn!

SUMMER REVIEW PACKET

Evaluate each expression. Show all work on page.

1) $2.685 + 3.7 =$

2) $6.2 - 5.4 =$

3) $0.3 + 5.59 =$

4) $5 - 2.3 =$

5) $4\frac{1}{2} + \frac{1}{2} =$

6) $3\frac{1}{4} - \frac{1}{4} =$

7) $1\frac{3}{4} - \frac{9}{8} =$

8) $4 + 3\frac{1}{3} =$

9) $4\frac{1}{4} + \frac{5}{3} =$

10) $3\frac{2}{3} - \frac{1}{5} =$

Find the product. Show work.

11) $3\frac{1}{2} \times \frac{5}{8} =$

12) $3\frac{1}{10} \times \frac{1}{4} =$

State if the first number is divisible by the second number. Use divisibility rules. Do NOT actually divide.

13) 39 by 5

14) 48 by 3

15) 40 by 10

16) 40 by 6

List all positive factors of each in order from least to greatest.

17) 16

18) 28

Simplify each. Write your answer as a mixed number if value is more than one whole.

19) $\frac{18}{30} =$

20) $\frac{6}{12} =$

21) $\frac{100}{140} =$

22) $8\frac{6}{12}$

23) $4\frac{18}{72} =$

24) $\frac{144}{90} =$

Find the LCM of each. Show process.

25) 20, 6

26) 15, 20

Round each to the place indicated.

27) 4,590,826

28) 19,263,148

29) 5.9996

30) 0.4111

31) 4.20

32) 8.280

Evaluate each expression. Show each step Only ONE step on each row of work.

33) $2 \div (5 - 3)$

34) $8 \div (1 + 3)$

35) $8 \div 2 \times 2$

36) $3^2 \times 6$

Write each numeral in words.

37) 4,620,000

38) 17,070,090

39) 0.009

40) 0.607

Write each as a fraction. Then simplify if necessary. Show both fraction.

41) 4.6

42) 0.008

43) 2.25

44) 0.01

45) Last week, Kathryn ran 16 miles more than Arjun. Kathryn ran 27 miles. How many miles did Arjun run?

46) Ashley wants to buy pants for \$58. She gives the cashier \$60. What is her change?

47) In ten years, Maria will be 82 years old. How old is she now?

48) Jennifer ran 22.2 miles more than Jaidee last week. Jennifer ran 33.9 miles. How many miles did Jaidee run?

Find the quotient.

49) $264 \div 11$

50) $108 \div 18$

Complete the statement with $<$, $>$, or $=$.

51) 1.007 _____ 1.004

52) 3.052 _____ 3.055

53) 4.61 _____ 0.461

54) 5.750 _____ 5.75

55) 7.34 _____ 7.734

56) 9.976 _____ 9.76

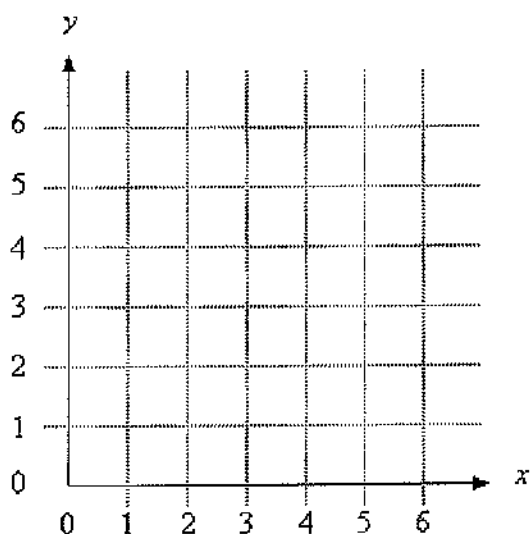
Plot and label the ordered pair in the coordinate plane.

57) A (2, 5)

58) B (6, 1)

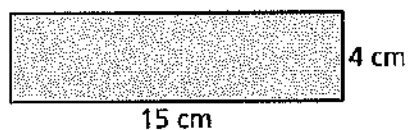
59) C (0, 4)

Coordinate Grid



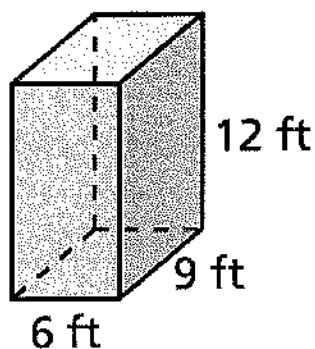
Find the area of the rectangle. Show formula, substitution, and answer (Write, substitute, solve.)

60)



Find the volume of the rectangular prism. Show formulas, substitution, and answer.

61)



Name: _____

Transfer all answers into corresponding boxes below.

PAGE 1		PAGE 4	
1.	2.	33.	34.
3.	4.	35.	36.
5.	6.	37.	38.
7.	8.	39.	40.
9.	10.	41.	42.
		43.	44.
PAGE 2		PAGE 5	
11.	12.	45.	46.
13.	14.	47.	48.
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17.	18.	51.	52.
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		55.	56.
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21.	22.	57-59 on graph	
23.	24.	60.	61.
25.	26.		
27.	28.		
29.	30.		
31.	32.		