

Name: _____

SUMMER WORK FOR STUDENTS
ENTERING GRADE 5

Dear St. Stephen's Students,

Surely you would never go an entire summer without reading, right? And so, you should also not pass an entire summer without keeping up with your math skills. Please complete this packet and bring it to your math teacher when school begins in September. This will help you maintain all of the great knowledge you learned in the fourth grade. If you work the problems on looseleaf please staple it to this packet. Have a wonderful summer and keep calculating.

Sincerely,
Mrs. Tappert, The Math Coach

Practice reading each of the numbers below correctly. Then write the name of the place value position of each of the underlined digits in # 1 – 6.

1) 462,835

2) 726,915.8

3) 8.324

1) _____

2) _____

3) _____

4) 72.615

5) 8,080.081

6) 39,245,681

4) _____

5) _____

6) _____

Compare each of the numbers below using $>$, $<$, or $=$ so that each sentence is true.

7) 0.925 _____ 0.295

8) 66.166 _____ 66.616

9) 105.82 _____ 82.105

10) 5.4 _____ 5.40

Order the following sets of numbers from least to greatest. (Remember it is usually easiest to line them up vertically and then filling in the decimal places with zeros at the end so they are all the same number of digits).

11) 3.954, 3.45, 3.294, 3.5, 3.005, 3.305

12) 72.707, 72.007, 72.07, 72.777, 72.027, 72.702

13) This problem should be very easy for you to do – there are many different correct answers. All you have to do is fill up the boxes using only the digits 1, 2, 3, and 4. The only catch to the problem is that whenever you place a number in a box, the boxes next to it must hold a different number.

Multiply or divide as shown. Remember you can always check your answers using the inverse (opposite) operation.

14) 459×38

15) 776×93

16) $\$5.69 \times 17$

14) _____

15) _____

16) _____

17) $822 \div 9$

18) $929 \div 5$

19) $\$37.08 \div 6$

17) _____

18) _____

19) _____

20) You and 3 friends are going to share a large pizza after the movies. The check for the pizza and four sodas came to \$24.96. How much does each person owe?

20) _____



21) You love to go to the skating rink with your friends. The charge for a one day admission ticket is \$7.45. However, if you buy a book of 20 tickets you get a \$2.00 discount for each time you attend. How much does a book of 20 tickets cost?



21) _____

Add or subtract accurately. You may set these problems up vertically to work them out. Check your answers using the inverse (opposite) operation!

22) $2,748 + 967$

23) $462,719 + 38,726$

22) _____

23) _____

24) $38,402 + 726,659$

25) $6,886 + 8,668$

24) _____

25) _____

26) $7,209 - 5,488$

27) $613 - 476$

26) _____

27) _____

28) $38,123 - 29,456$

29) $9,002 - 3,654$

28) _____

29) _____

30) $103.42 + 7.6 + 8.259 + 381.006$ (line up the decimals before adding!)

30) _____

31) To earn money this summer you and your friend set up a mango stand one weekend. You charged \$1.00 for small mangoes and \$1.50 for the large ones. On Saturday you sold 22 large mangoes and 15 small mangoes. On Sunday you sold 36 large mangoes and 18 small mangoes. How much did you make at the end of the weekend? You and your friend are splitting the money, what is your share?

31) _____



Add or subtract the following fractions. All answers should be in simplest form.

32) $\frac{4}{5} + \frac{4}{5}$

33) $3\frac{2}{4} + 6\frac{3}{4}$

34) $9\frac{7}{8} - 2\frac{1}{8}$

32) _____

33) _____

34) _____

35) $12\frac{11}{12} - 7\frac{5}{12}$

36) $\frac{3}{8} + \frac{4}{8} + \frac{5}{8}$

35) _____

36) _____

37) Space Soldier comic books cost \$0.95 each, and Underwater Explorer comic books cost \$1.25 each. Vijay bought seven of these comic books and spent a total of \$7.55. How many of each comic book did Vijay buy?

37) _____



38) How many different rectangular arrangements can you make with twelve tiles? Show as many arrangements as possible and then calculate the area and perimeter of each one.



39) You have joined a summer soccer league. To show good sportsmanship at the end of each game both teams exchange handshakes. There are 12 members of each team. If each person shakes hands once with every other opponent, how many handshakes are exchanged? (hint: make an organized chart)



39) _____

Change the following improper fractions into mixed numbers.

40) $\frac{17}{3} =$

41) $\frac{22}{7} =$

42) $\frac{36}{4} =$

Change the following mixed numbers into improper fractions.

43) $6\frac{4}{5} =$

44) $9\frac{1}{2} =$

45) $2\frac{2}{3} =$

46) Susanna went shopping at the mall one rainy summer day. She bought two shirts and spent a total of \$28.50. One shirt cost twice as much as the other. How much did she pay for each shirt?

46) _____



47) Mrs. Moody gives her class a spelling quiz every Monday, a math quiz every other Monday, and a history quiz every third Monday. Poor Paula is in Mrs. Moody's class and had all three quizzes today. How long will it take before she will again have to take all three quizzes on the same day?

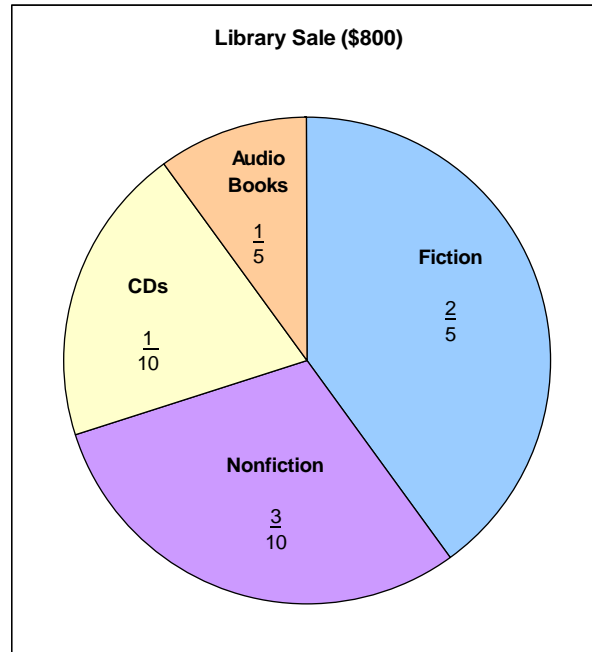
47) _____



48) Roger's mother baked delicious loaf of banana bread. His sister, Helen, took $\frac{1}{4}$ of the loaf to eat with her lunch at summer camp. Roger's mother left him a note that said he could eat $\frac{1}{3}$ of what was left. Roger sat down and did exactly what the note said. How much of the loaf of banana bread was left after Roger ate his portion?

48) _____

49) The school library sold some used items to raise money. The total amount raised was \$800. The graph shows the different items that made up each part of the total sales.



- How much money came from sales of fictions and non-fiction books? _____
- How much money did the library collect in all? _____
- Which item sold the least? _____
- What fractional part came of the total sales came from fiction books? _____
How much money was that? _____
- What fractional part of the total sales came from non-fiction books? _____
How much money was that? _____
- What fractional part of the total sales came from fiction and non-fiction books combined? _____

4 IN A ROW

The object of the game is to get a row of 4 tiles horizontally, vertically, or diagonally. You can place a tile on a number by adding, subtracting, multiplying or occasionally dividing. Place two paper clips on 2 numbers along the bottom to come up with your number. Take turns. When it is your turn you **MUST** move one paper clip only. They can both be on the same number but you cannot skip a turn or leave it on the same combination that your opponent chose. Play to block and also to win!

1	2	3	4	5	6
7	8	9	10	12	14
15	16	18	20	21	24
25	27	28	30	32	35
36	40	42	45	48	49
54	56	63	64	72	81

1 2 3 4 5 6 7 8 9