

St. Pius X School
Grade 4
Summer Reading List 2018
Reading Rocks

The Following list of books are required summer reading:
Yang the Youngest and His Terrible Ear by Lensey Namioka
What is Rock and Roll? by Jim O'Connor
Peter and the Wolf by Janet Schulmann

Students may select 2 or three books from the following list:
The Composer is Dead by Lemony Snicket
Trombone Shorty by Troy Andrews
Getting to Know the World's Greatest Composers by Mike Venezia
Usborne Musical Book
The Sound of Silence by Katrina Goldsaito
Zin, Zin, Zin a Violin by Floyd Moss
Locomotive by Brian Flocca
Meet the Orchestra by Ann Hayes
Sounds and Light by Karen Bryant-Mole
Sound (Energy Works Series) by Jenny Karpelenia
Sound All Around by Wendy Pfeffer

The summer reading project will be done in class at the beginning of the school year.



Massachusetts Library System Summer Reading Theme: **Libraries Rock**
You can access further information at <http://guides.masslibsystem.org/>

Also, check out the list for the Massachusetts Children's Book Award program that starts in the Fall:
<https://www.salemstate.edu/mcba/>

Have a great summer reading!



St. Pius X School Grade 4 Supply List

(If you purchased the Staples Back to School Kit, you do not need to purchase these items)

- 4 packages of 3x5 **lined** index cards and container
- clipboard
- 3 Ticonderoga 18 count #2 pencils(sharpened)
- 4 jumbo Elmer glue sticks
- 1 small bottle Elmer's glue
- 1 box of 12 count or less crayons
- markers (10 count)
- 1 box of 12+ colored pencils
- pencil pouch
- yellow highlighter
- 1 – 1 ½ in. Three Ring Binder
- **8** colored, 2 pocket folders at least **6** different colors
- **1 safety school type scissors**
- ruler (with both inches and centimeters)
- 1 protractor
- 2 Hardcover Mead Composition Books
- 2 1 subject spiral notebooks

Items not included in the Staples Back to School Kit

- 2 pkgs. 4x6 inch post it notes
- 1 pkg. of pencil top erasers
- 50 count page protectors
- 3 boxes of Kleenex (prefer non-lotion)
- 1 bottle of hand soap
- 3 large containers of antibacterial wipes
- 3 rolls of paper towels
- 1 box sandwich size plastic Ziploc bags
- 1box gallon size plastic Ziploc bags
- 1 pair ear buds
- 1 copy of Saint Therese and the Roses, by Helen Walker Homan

It is very important that students have **ALL** their school supplies on the First Day of School! Thank you!

Gr. 4 - Math

Summer math work should encompass the practice of math facts: addition, subtraction, multiplication facts on a DAILY BASIS. Use flash cards, or even better make flash cards, you can purchase an item called Math Gear, but the most important activity is to practice, practice, practice! Other areas to work on are money, measurement, time, including elapsed time, addition with regrouping, subtraction with regrouping, fractions, division and geometrical shapes.

Ideas for making math fun!

Have your child plan a meal and then create a grocery list including prices. Give them a budget to work with as they create their list. Take them shopping for the items and help them to be wise shoppers using a variety of store flyers to get the best product for their money.

Then, plan your trip to the store(s). How many miles from your home to the store? How long did it take? What route (roads) did you travel? How much gas did you use? Observe speed limit signs along the way. What do they mean in terms of distance travelled and time? If you are going to more than one store, what is the distance from one store to another? How long did that take? How many miles? At the end of the trip have your child determine how many miles were travelled, how much gas was used and how much was saved going from one store to another to get the "best" deal. Was doing all that travelling worth it?

Then, help your child make dinner from the menu they planned. Note: have your child write down all the steps to create the meal, then any mathematical concepts needed to create the meal. Did this involve division, fractions, etc to prepare the meal?

Planning a trip can also be a great way to help your child keep their skills alive. Plan where you are going how far away it is in terms of miles, hours, etc.

Have your child keep a journal on their mathematical experiences during the summer. I strongly urge you to have them write on a daily basis what the math experience for that day has been. Be descriptive and factual.

Students should date their journal each day. Please bring to school on the first day.

These types of activities help students develop strong critical thinking skills, logical reasoning skills and a deep sense of how math is used outside of the typical classroom environment. In school students learn the concepts and skills needed for mathematical thinking, then, students learn to apply those skills to "real world" experiences.



Mathematical thinking, where will IT take you?

Name _____ Date _____

The State of Shipping

Sam in shipping wonders which state receives the most widgets. Help Sam solve this problem. First determine the value of the 7 in each number. Next, look at the chart to tell which state this place value represents. Then identify the state by writing its code and name on the lines provided.

Place Value of 7	Code	State
Ones	O	California
Tens	T	Texas
Hundreds	H	Ohio
Thousands	Th	New Jersey
Ten Thousands	TTh	Florida
Hundred Thousands	HTh	Virginia



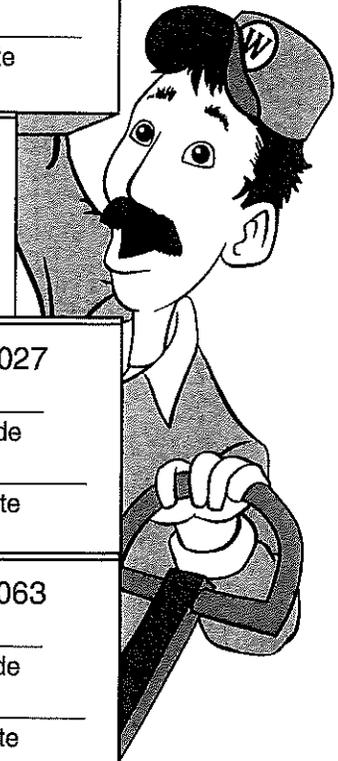
① 976,210 _____ Code _____ State	② 903,708 _____ Code _____ State	③ 864,370 _____ Code _____ State	④ 895,197 _____ Code _____ State
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⑤ 784,033 _____ Code _____ State	⑥ 870,893 _____ Code _____ State	⑦ 580,725 _____ Code _____ State
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⑧ 271,004 _____ Code _____ State	⑨ 557,344 _____ Code _____ State	⑩ 506,715 _____ Code _____ State	⑪ 301,027 _____ Code _____ State
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⑫ 397,055 _____ Code _____ State	⑬ 106,793 _____ Code _____ State	⑭ 507,531 _____ Code _____ State	⑮ 784,063 _____ Code _____ State
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⑯ 238,007 _____ Code _____ State	⑰ 805,722 _____ Code _____ State	⑱ 798,500 _____ Code _____ State	⑲ 905,785 _____ Code _____ State	⑳ 288,537 _____ Code _____ State
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Bonus Box: Which state gets widgets shipped to it most often? Least often?

Name: _____

Place Value Questions

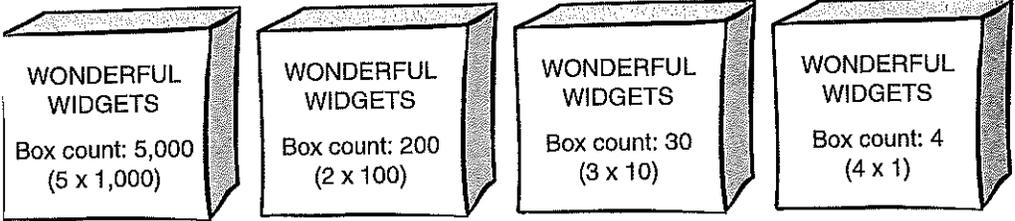
Place Value Puzzlers

- a. What's the biggest number you can make using the digits 9, 3, 5, and 1? _____
- b. Which number is bigger, 28,761 or 9,999? _____
- c. In the number 234,567, what digit is in the ten thousands place? _____
- d. In the number 157,562, the one is in the ___ place. _____
- e. What's the smallest number you can make using the digits 9,7,5, and 4. _____
- f. Write the number:
six hundred five thousand, thirty-six. _____
- g. In the number 456,789, which digit has the greatest value? _____
- h. What is the value of the eight in the number 678,145? _____
- i. Write the number:
nine hundred two thousand, twenty _____

Different Forms for Different Folks

Workers at the Widget Company use several different ways to read and write numbers.

Pete in production uses the **expanded form** to count the widgets in the boxes. Expanded form is a way to write numbers by showing the sum of the value of each digit.



The expanded form for Pete's number is $5,000 + 200 + 30 + 4$.

Write the following numbers in expanded form.

- 1. 679 _____
- 2. 4,080 _____
- 3. 6,572 _____
- 4. 237 _____



Alice in accounting writes lots of numbers all day. She uses the shortest form possible—the **standard form**. Write Alice's numbers in standard form.

Accounting Book	
○ Example: thirty-seven	37
○ 5. one hundred seven	
6. four thousand, six hundred ninety-five	
7. seven thousand, nine hundred four	
○ 8. two hundred eighty-nine	

Pete in payroll must know how to write numbers in **word form**. Help Pete practice writing his numbers. Look at the example to help you.

Example: 6,534 six thousand, five hundred thirty-four

- 9. 58 _____
- 10. 175 _____
- 11. 435 _____
- 12. 5,167 _____
- 13. 2,862 _____
- 14. 3,908 _____

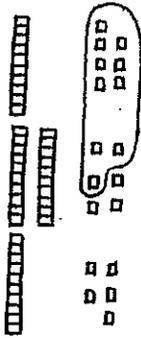


Name _____

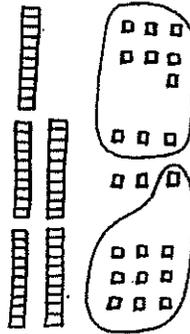
Basic Worksheet for 78-79

Add.

$$\begin{array}{r} 17 \\ 26 \\ +15 \\ \hline 58 \end{array}$$



$$\begin{array}{r} 17 \\ 26 \\ +29 \\ \hline \end{array}$$



$$\begin{array}{r} 26 \\ 35 \\ +21 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ 37 \\ +19 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ 37 \\ +29 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ 31 \\ +57 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ 43 \\ +27 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ 19 \\ +17 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ 47 \\ +26 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ 46 \\ +46 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ 35 \\ +35 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ 37 \\ +14 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ 73 \\ +81 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ 73 \\ +95 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ 27 \\ +55 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ 29 \\ +77 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ 27 \\ +38 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ 99 \\ +99 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ 37 \\ +98 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ 28 \\ +17 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ 56 \\ +39 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ 46 \\ +28 \\ \hline \end{array}$$

Name: _____

Subtraction

3-Digits with Regrouping

Subtract to find the differences. Check by adding.

$$\begin{array}{r} 512 \\ - 239 \\ \hline \end{array}$$

$$\begin{array}{r} 219 \\ - 34 \\ \hline \end{array}$$

$$\begin{array}{r} 678 \\ - 129 \\ \hline \end{array}$$

$$\begin{array}{r} 465 \\ - 218 \\ \hline \end{array}$$

$$\begin{array}{r} 638 \\ - 44 \\ \hline \end{array}$$

$$\begin{array}{r} 592 \\ - 279 \\ \hline \end{array}$$

$$\begin{array}{r} 616 \\ - 353 \\ \hline \end{array}$$

$$\begin{array}{r} 668 \\ - 508 \\ \hline \end{array}$$

$$\begin{array}{r} 476 \\ - 193 \\ \hline \end{array}$$

$$\begin{array}{r} 465 \\ - 239 \\ \hline \end{array}$$

$$\begin{array}{r} 239 \\ - 84 \\ \hline \end{array}$$

$$\begin{array}{r} 212 \\ - 190 \\ \hline \end{array}$$

$$\begin{array}{r} 718 \\ - 209 \\ \hline \end{array}$$

$$\begin{array}{r} 773 \\ - 691 \\ \hline \end{array}$$

$$\begin{array}{r} 234 \\ - 119 \\ \hline \end{array}$$

Name _____

Addition and Subtraction Word Problems

Directions: Add or subtract to solve the word problems below. Show your work.

1. There were 267 students at Lakeshore Middle School. On Tuesday, 127 of those students left for a field trip. How many Students were left at school on Tuesday?
2. The music store had stocked 500 copies of the new #1 album. They sold 258 copies that day. How many copies remained at the end of the day?
3. Amy had 122 feet of rope for camping. Lindsay had given her another rope that was 198 feet long. What was the total number of feet she had in both ropes?
4. In May, 1,232 visitors came to the Picasso Art Museum. In June, 1,859 visitors came. How many people came to the museum during those two months?
5. Adam had recorded 142 hours of television on his DVR. The unit is capable of holding 160 hours. How many hours of television does he have left to record on?
6. A bus ticket to South Carolina costs \$87.50. A hotel room costs \$235.75 for the week. How much will it cost Adrian to take a bus to South Carolina and spend a week at the hotel?

Name _____

Word Problems: Adding Money

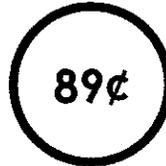
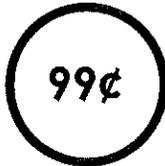
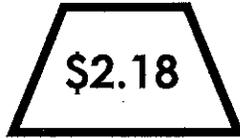
\$\$ Adding Money \$\$

Directions: Solve the word problems below. Use the space provided or the back of your sheet to work out your answers.

1. An adult ticket for the day at the zoo is \$9.95 while a child ticket is \$6.75. How much will it cost for one adult and one child?
2. Janie earned \$15.50 at her part time job on Saturday morning. Later that night she made \$32.50 babysitting. What was her total income for Saturday?
3. Bob bought a computer for \$799.99. He paid \$63.99 in taxes. How much did the computer cost him all together?
4. Hannah ordered a large pizza for \$15.95 and an order of wings for \$11.70. What was the total of her dinner purchase?
5. Dan bought a pair of jeans for \$42.95 and a shirt for \$17.65. How much did the whole outfit cost him?
6. Betty bought a guitar for \$179.99. She also bought a song book for \$37.65. What was the total of her purchase?

Name: _____

Shape Addition



Find the sum of the numbers in the squares.

Find the sum of the numbers in the circles.

Find the sum of the numbers in the hexagons.

Find the sum of the numbers in the triangles.

Find the sum of the numbers in the trapezoids.

Find the sum of the numbers in the octagons.