



**St. Pius X School
Grade 4
Summer Reading List 2017**

Kindness is the theme for the 4th Grade summer reading selections.

The following list of books is available at your local library and through the Commonwealth Catalog. This information is found on your library's homepage or you can call your local library and request the books through them. Please have your library card ready as they will need the number to request the books for you. Don't have a library card? You can get an ecard on line to request books or visit your local library or any library on Cape and get a card. It only takes a few minutes to get a card and it's FREE!

Last Stop on Market Street - 2016 Newbery Winner Matt de la Pena
Emmanuels' Dream ~ Laurie Ann Thompson Planting the Trees of Kenya ~ Claire Nivola
Drum Dream Girl ~ Margarita Engle The Librarian of Basra ~ Jeanette Winter
One Plastic Bag ~ Miranda Paul Seeds of Change ~ Jen Cullerton Johnson
Grandfather Gandhi ~ Arun Gandhi Be the Change ~ Arun Gandhi

Books by **Jean Craighead George** especially the *One Day in the Desert*, *One Day in the Tropical Rainforest*, *One Day in the Woods*, *One Day in the Prairie*, *One Day in the Alpine Tundra* series. Also, *Owl in the Shower*,



Massachusetts Library System Summer Reading Theme: Build a Better World
You can access the list at <http://guides.masslibsystem.org/>

Also, check out the list for the Massachusetts Childrens 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

- 3 boxes of Kleenex (prefer non-lotion)
- 3 large containers of antibacterial wipes
- 3 rolls of paper towel
- 4 packages of 3x5 **lined** index cards
- clipboard
- 3 Ticonderoga 18 count #2 pencils (sharpened)
- 2 gluesticks
- 1 box of 12 count or less crayons
- markers (10 count)
- 1 box of 12+ colored pencils
- pencil box (5" x 8" style)
- yellow highlighter
- 1 – 1 ½ in. Three Ring Binder
- **50 count page protectors**
- 8 colored, 2 pocket folders at least 6 different colors
- **1 safety school type scissors**
- ruler (with both inches and centimeters)
- 1 protractor
- 1 copy of Saint Therese and the Roses, by Helen Walker Homan
- 2 Hardcover Mead Composition Books

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

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



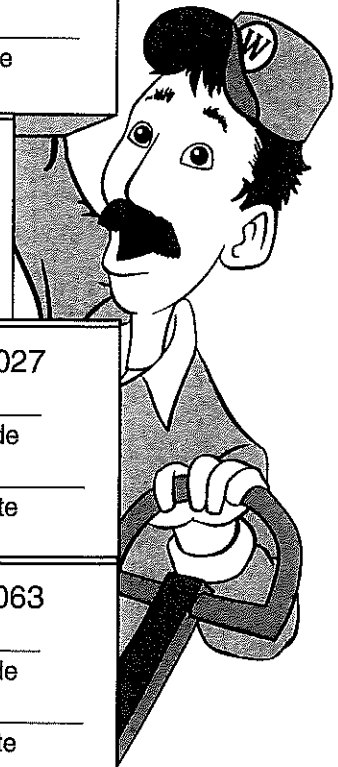
① 976,210 _____ Code _____ State	② 903,708 _____ Code _____ State	③ 864,370 _____ Code _____ State	④ 895,197 _____ Code _____ State
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⑤ 784,033 _____ Code _____ State	⑥ 870,893 _____ Code _____ State	⑦ 580,725 _____ Code _____ State
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⑧ 271,004 _____ 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

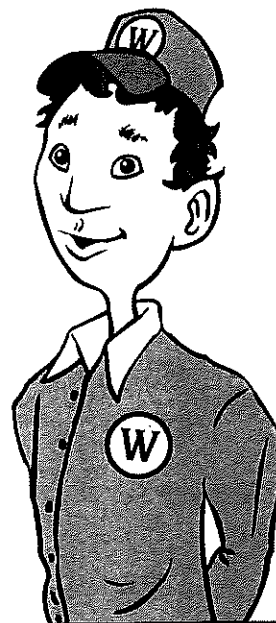
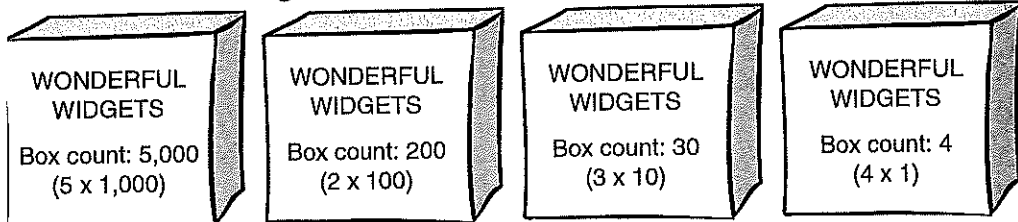
Place Value Puzzlers

- 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 _____ 3. 6,572 _____
 2. 4,080 _____ 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 _____

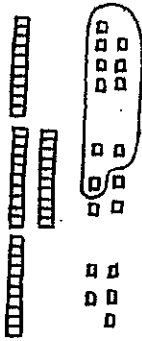


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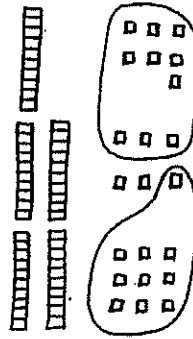
Basic Worksheet for 78-79

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

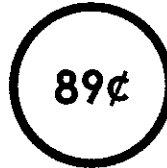
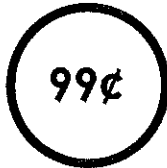
\$\$ Adding Money \$\$

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.