

## 2018-2019 Grade 5 Supply List

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- (2) 12 packs of #2 pencils
- 2 glue sticks
- 1 pair of scissors
- (1) 10 pack crayola markers
- (1) 12 pack crayola colored pencils
- 1 package of thin whiteboard markers
- Index cards (500)
- (3) 2 pocket folders
- 2 large packages of loose leaf paper
- 2 textbook covers
- (2) 1 subject notebooks (*Science, Social Studies*)
- (1) 5 subject notebook - (*Math*)
- \$10 for Scholastic News
- Clorox wipes
- Tissues
- Paper towels
- Hand sanitizer

## SJP2CA SUMMER READING 2018

Dear Incoming 5<sup>th</sup> Grade Students and Families,

In an effort to promote stronger community growth and more in-depth book discussion next fall, **all 5<sup>th</sup> graders will be reading the book *Wonder* by Palacio**. The book and its themes will be woven throughout the school curriculum and community activities for the **2018-19** school year. In addition, **incoming 5<sup>th</sup> graders are required to choose TWO other books** (from two different genres) that they feel will be challenging and enjoyable. As always, we encourage students to read MORE than the required amount and students will have the opportunity to share their thoughts on what they have read when they return to school in the fall.

After reading their books, **students are required to write 2 letters to their class**. The first should discuss what they thought and felt while reading the book *Wonder* and the second letter should be about one of their chosen books. Please see the guidelines on the next page. The letters are due by **September 21, 2018**. Students will also be expected to do a project or writing assignment about *Wonder* this fall in their reading class, so make sure you keep the story fresh in your mind!

Happy Reading!

The SJPIICA Reading Teachers

## Possible Topics for Your Letters

*Share your thinking about:*

- Something that surprised you or that you found interesting
- What you like or dislike about the book and why
- An interesting or important character
- Parts of the book that puzzled you or made you ask questions
- What the story means to you
- Your thoughts and feelings about the author's message
- What you noticed about the characters, such as what made them act as they did or how they changed
- Why you think the author chose the title
- Your predictions and whether they were right
- How the information in the book fits with what you already know
- How the book reminds you of yourself, or people you know or of something that happened in your life
- How the book is like other books by the same author, on the same topic, or in the same genre
- How the book reminds you of other books, especially the characters, events, or setting
- The ending and your feelings about it-DON'T GIVE IT AWAY!
- The language the author used and what you thought about it
- The author's craft—what was good about the author's writing
- Why you chose the book
- Why you think the author wrote the book
- Whether or not you would recommend the book to another reader and why
- What you would change about the book
- Examples of stereotypes or biases
- Whether the book is easy, just right, or challenging for you and how you know
- The genre and its characteristics
- The author's use of time in the story
- How the setting affects the characters
- How the author captured your interest or pulled you into the book
- How the author builds suspense
- What you want to remember about this book
- New insights or understandings you have

SAINT JOHN PAUL II CATHOLIC ACADEMY

# Entering Grade 5 Summer Math

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## In Grade 4 You Learned To:

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### Operations and Algebraic Thinking

- Use the four operations with whole numbers to solve problems.
- Gain familiarity with factors and multiples.
- Generate and analyze patterns.

### Number and Operations in Base Ten

- Generalize place value understanding for multi-digit whole numbers.
- Use place value understanding and properties of operations to perform multi-digit arithmetic.

### Number and Operations—Fractions

- Extend understanding of fraction equivalence and ordering.
- Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.
- Understand decimal notation for fractions, and compare decimal fractions.

### Measurement and Data

- Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.
- Represent and interpret data.
- Geometric measurement: understand concepts of angle and measure angles.

### Geometry

- Draw and identify lines and angles, and classify shapes by properties of their lines and angles.

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 Entering Grade 5

Solve.	Name the values of the given digits in the numbers below.	List the first 12 multiples of the following:	Use mental math to find each product.	Word Problem
41 x 58 =	The 9s in 299	2	537 x 10	Three students eat lunch five days in a row. They spend a total of \$60. The students spend the same amount of money for each lunch. What is the cost of one lunch?
58 x 36 =		_____	6637 x 1000	
75 x 23 =	The 5s in 4,557	3	925 x 10	
69 x 34 =		_____	567 x 100	
987 x 25 =	The 3s in 3300	4	<b>Use mental math to find each dividend.</b>	
369 x 75 =	The 8s in 8856	_____	760 / 10	
157 x 74 =		_____	3,800 / 100	
287 x 65 =	The 1s in 5111	5	450 / 10	
	The 2s in 8220	_____	45,000 / 1000	
		_____		
		6		
		_____		
		_____		

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Monday 6/27	Tuesday	Wednesday	Thursday	Friday
<p><b>Solve.</b></p> <p>256 x 89 =</p> <p>296 x 45 =</p> <p>436 x 54 =</p> <p>123 x 52 =</p> <p>357 x 15 =</p> <p>258 x 84 =</p> <p>148 x 54 =</p> <p>638 x 19 =</p> <p>269 x 17 =</p> <p>112 x 55 =</p>	<p><b>Name the values of the given digits in the numbers below.</b></p> <p>The 9s in 939</p> <p>The 5s in 5,695</p> <p>The 3s in 39,330</p> <p>The 8s in 5,887</p> <p>The 1s in 1,122</p> <p>The 2s in 2210</p>	<p><b>List the first 12 multiples of the following:</b></p> <p>7</p> <p>_____</p> <p>_____</p> <p>8</p> <p>_____</p> <p>_____</p> <p>9</p> <p>_____</p> <p>_____</p> <p>10</p> <p>_____</p> <p>_____</p> <p>11</p> <p>_____</p> <p>_____</p> <p>12</p> <p>_____</p> <p>_____</p>	<p><b>Define:</b></p> <p><b>Multiple:</b></p> <p><b>Common Multiple:</b></p> <p><b>Lowest Common Multiple:</b></p>	<p><b>Word Problem.</b></p> <p>A group of twelve volunteers raises \$144 for three charities. Each charity gets the same amount. How much does each charity get?</p>

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Monday 7/4	Tuesday	Wednesday	Thursday	Friday
<b>Solve.</b> $662 \times 6 =$  $314 \times 4 =$  $523 \times 2 =$  $256 \times 5 =$  $111 \times 7 =$  $374 \times 9 =$  .	<b>Define the following terms.</b>  Factor:     Common Factor:     Greatest Common Factor:	<b>List the factors of the following:</b>  42 _____  24 _____  36 _____  56 _____  12 _____  8 _____	<b>Find the GCF for each set of numbers.</b>  42, 24 _____  36, 56 _____  12, 8 _____	<b>Word problems</b>  A school has 300 students and 30 teachers. What is the ratio between the number of teachers and the number of students of the school?





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 Entering Grade 5

Monday 7/11	Tuesday	Wednesday	Thursday	Friday
Solve. $672 / 6 =$  $316 / 4 =$  $528 / 2 =$  $240 / 12 =$  $749 / 7 =$  $333 / 9 =$ .  $84 / 12 =$	Compare the following numbers using $<$ , $>$ or $=$  $157668 [ ] 214741$  $130478 [ ] 273534$  $843868 [ ] 658506$  $227279 [ ] 227279$  $279712 [ ] 507780$  $616707 [ ] 616707$	List the factors of the following:  40 _____  18 _____  36 _____  56 _____  30 _____	Find the GCF for each set of numbers.  40, 18 _____  36, 56 _____  18, 30 _____	<b>Word Problem.</b>  Two frogs hop around a circular track that is 60 inches around. First the larger frog jumps 13 in. and then the smaller frog jumps 11 in. If they take turns jumping, how many inches from the start will they be when they once again are at the same point?

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Solve.	Compare the following numbers using <, > or =	Write the standard form and word form of:	Add the following.	Word Problem.
342 / 3 =		100000000 + 20000000 + 3000000 + 900000 + 90000 + 9000 + 30 + 3	82996 + 2846 =	If it takes a company 4 hours to build 1,300 cell phones, at the same rate it will take the company _____ Hours to build 39,000 cell phones.
458 / 6 =	234568 [ ] 213441		65935 + 2726 =	
175 / 4 =	246478 [ ] 277524		40325 + 8283 =	
629 / 7 =	843768 [ ] 634506		69281 + 9690 =	
887 / 5 =	225679 [ ] 222379	100000000 + 50000000 + 300000 + 30000 + 2000 + 10 + 9	45543 + 8073 =	
329 / 8 =	279712 [ ] 509080		12955 + 4934 =	
257 / 9 =	616345 [ ] 613707			
324 / 2 =				

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Monday 7/25	Tuesday	Wednesday	Thursday	Friday											
<p>Complete the table.</p> <table border="1" data-bbox="113 748 395 1093"> <thead> <tr> <th>In</th> <th>Out</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>11</td> </tr> <tr> <td>3</td> <td>13</td> </tr> <tr> <td>4</td> <td>14</td> </tr> <tr> <td>6</td> <td><input type="text"/></td> </tr> <tr> <td>7</td> <td>17</td> </tr> <tr> <td><input type="text"/></td> <td>20</td> </tr> </tbody> </table>	In	Out	1	11	3	13	4	14	6	<input type="text"/>	7	17	<input type="text"/>	20	<p>Are these shapes open or closed?</p> <div style="text-align: center;">  </div> <hr style="width: 50px; margin: 0 auto;"/> <div style="text-align: center;">  </div> <hr style="width: 50px; margin: 0 auto;"/>
In	Out														
1	11														
3	13														
4	14														
6	<input type="text"/>														
7	17														
<input type="text"/>	20														

Complete the table.		Define.	Find the pattern.	Compare the fractions using <, > or =	Word Problem.
<b>In</b>	<b>Out</b>				
3	6	Triangle:	48, 57, 66, _____		Frank worked 8 hours on the first four days of the week. How many hours did he work in these four days?
4	8	_____	29, 48, 67, _____	$\frac{5}{13}$ $\frac{5}{17}$	
<input type="text"/>	12	_____	8, 24, 40, _____		Sue's family went on vacation. Her mom drove the car at 60 mph. They camped at a campground after traveling for 5 hours. How far was the campground from their home?
7	14	Square:	14, 19, 24, _____	$\frac{7}{7}$ $\frac{7}{10}$	
<input type="text"/>	18	_____	37, 46, 55, _____	$\frac{19}{18}$ $\frac{18}{18}$	
10	20	Rectangle:	63, 69, 75, _____	$\frac{15}{18}$ $\frac{1}{18}$	
		_____	9, 18, 27, _____		
		_____	26, 38, 50, _____	$\frac{11}{18}$ $\frac{11}{17}$	
		Quadrilateral	69, 91, 113, _____		
		_____			
		_____			

Complete the table.		Draw a set of parallel lines.	Find the pattern of multiplication.	Order from least (smallest) to greatest (largest)	Word Problem.
In	Out		100, 1,000, 10,000, _____, _____	$\frac{2}{19}$ $\frac{2}{16}$ $\frac{2}{18}$	Brett drove 55 miles every hour. How many miles would he drive in 8 hours?
1	3				
2	6				
3					
4	12			90, 180, 360, _____, _____	
	15		Draw a set of perpendicular lines.	46, 506, 5,566, _____, _____	_____
6	18			77, 616, 4,928, _____, _____	$\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{20}$
			60, 1,020, 17,340, _____, _____	_____	

Complete the table.

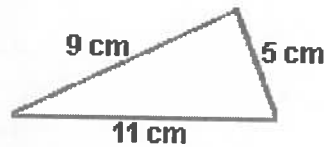
In	Out
0	5
3	8
7	<input type="text"/>
8	<input type="text"/>
10	15
11	16

Draw an acute angle.

Draw a right angle.

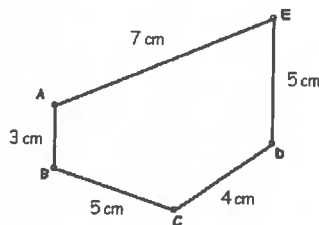
Draw an obtuse angle.

Find the perimeter of and name the polygons.



Name: \_\_\_\_\_

Perimeter = \_\_\_\_\_



Name: \_\_\_\_\_

Perimeter = \_\_\_\_\_

Find an equivalent Fraction.

$$\frac{9}{15} = \frac{\quad}{5}$$

$$\frac{16}{32} = \frac{4}{\quad}$$

$$\frac{3}{6} = \frac{\quad}{12}$$

$$\frac{14}{28} = \frac{7}{\quad}$$

$$\frac{6}{15} = \frac{2}{\quad}$$

Word Problems.

Brian's car gets 20 miles per gallon. On his last trip, he used 3 gallons of gas. How many miles did he travel on his last trip?

A chocolate chip cookie recipe calls for 2 cups of chocolate chips. You want to make 23 recipes for a bake sale. How many cups of chocolate chips will be needed to make all the cookie recipes?

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 MATH Summer Packet -2016  
 Entering Grade 5

Monday 8/25	Tuesday	Wednesday	Thursday	Friday
<b>Solve.</b> $15 / 4 =$  $333 / 0 =$  $587 / 5 =$  $784 / 6 =$  $311 / 7 =$  $774 / 3 =$  $521 / 8 =$  $369 / 5 =$	<b>Define.</b>  Pentagon: _____ _____ _____  Hexagon: _____ _____ _____  Octagon: _____ _____ _____  Decagon _____ _____ _____	<b>Draw the following polygons.</b>  Parallelogram   Rectangle   Rhombus   Square   Trapezoid   These are all examples of what type of polygon? _____	<b>Write the fractions in lowest terms.</b>  $\frac{12}{14}$  $\frac{10}{12}$  $\frac{7}{14}$  $\frac{4}{16}$  $\frac{18}{36}$	<b>Word Problems.</b>  I have a pet golden retriever. Each year he gains 11 pounds. He is 8 Years old. How many pounds does he weigh?      John can run one block in 30 seconds. How far can he run in 5 Minutes?

