

Name: _____

For school year 2017-2018

Park School Sixth Grade Summer Math Packet

- This packet is designed to help you retain the information you learned in 5th grade. Math is a skill that builds on the previous concepts learned and if not practiced these skills are easily forgotten.
- The growth you make over the summer is up to you and whether you take the time to practice.
- This packet will not be taken for a grade. Again it is meant for you to maintain the skills you learned this past school year.
- To help you along the way we will post answers at various times on the Park School Webpage.
 - On July 1st we will post the June Calendar Answers.
 - On August 1st we will post the July Calendar Answers.
 - On August 18th we will post the August Calendar Answers.
- The most important topics to review are **DECIMALS** and **FRACTIONS**.
- Use can also use these websites to help you strengthen your skills in these areas! (www.math.com or www.algebralab.org)
- You may also create a Prodigy account by going to www.prodigygame.com and using the class code: **C67ECA**

Have a Wonderful Summer!

MATH

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I'm a STAR Mathematician!



June 2017

Show your work and answers in the boxes on the next page or on a separate sheet of paper.

#1. Decorate your Math Journal cover.	#2. How old will you be on December 7, 2042?	#3. You have a \$10 gift card to spend on iTunes. You buy an app for \$4.99 and a new pop single for \$2.99. How much should be left on your gift card?	#4. What is the largest multiple of 4 that is less than 30?	#5. Jake and Madison buy a pizza that is cut into 8 equal slices. If Jake eats $\frac{1}{8}$, and Madison eats $\frac{1}{4}$ of the pizza, how many eighths of the pizza are left?
#6. Find the sum of all the ages of the people in your house.	#7. Multiply: $\frac{4}{6} \times 2 =$	#8. If you played outside for 8 hours each day, how many hours did you play outside during the entire week? How many minutes is that?	#9. How many more even number days are there in July than in February?	#10. Express the fractions $\frac{4}{10}$ and $\frac{37}{100}$ as decimals.
#11. Find a "take-out" menu. If you had \$23.50 to spend, what would you order? What is your change?	#12. You bought a bag of 60 lollipops. You kept 3 lollipops and gave the rest to 3 friends. They divided the lollipops equally among themselves. How many lollipops did each friend get?	#13. Think about a way you used math today. Illustrate it and/or write about it in your math journal.	#14. Find the area of a square with a perimeter measuring 20 inches.	#15. If 4 chocolates cost \$1.00, how many chocolates can you get for \$5.00? \$10.00?
#16. Solve: $460 \times 50 =$	#17. Divide: $280 \div 7 =$	#18. Linda bought a roll of ribbon to make bows for gift boxes. There were 132 inches of ribbon on the roll. How many feet of ribbon was that?	#19. List all the factors of: 21 80	#20. Write the decimals as fractions. Express them in their simplest form. $0.55 =$ $3.5 =$ $2.42 =$

June 2017

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July 2017

Show your work and answers in the boxes on the next page or on a separate sheet of paper.

<p>#1. Round to the place value in bold. 52,788 = 81.07 = 2,912,865 = 0.831 =</p>	<p>#2. List all the factors of: 18 54</p>	<p>#3. If you spend \$100.00 a day, how many days will it take to spend a million dollars? How many years is that?</p>	<p>#4. If your family of four ordered a large pizza that was cut into 12 slices, and each of you ate the same amount of pizza, what fraction of the pizza would you eat?</p>	<p>#5. List four things in your kitchen that are approximately 20 cm long. Then take a ruler and measure their actual lengths. How close were your estimates.</p>
<p>#6. A friend calls and invites you to a movie. The paper says the movie is 2 hours and 13 minutes long. It ends at 3:25. What time does it start?</p>	<p>#7. Jen is 12. Amy is 13. In 25 years, what will be the product of their ages?</p>	<p>#8. Ask a family member for a map. Use the map scale to calculate the distance between two places on the map.</p>	<p>#9. Think about a way you used math today. Illustrate it and/or write about it in your math journal.</p>	<p>#10. Make the largest and smallest numbers you can using the digits 4, 1, 7, 8, and 2. Find their sum and difference</p>
<p>#11. Continue the pattern at least ten more times. 7, 14, 21, 28</p>	<p>#12. About how many days old are you today?</p>	<p>#13. I am a number less than 50. When divided by 5, my remainder is 4. Who am I? Is there more than one answer?</p>	<p>#14. Solve: $324 \times 45 =$</p>	<p>#15. Vowels are worth \$25 and consonants are worth \$50. Can you make a word worth \$200? \$500?</p>
<p>#16. Write a story problem for each one of the operations (+, -, x, ÷).</p>	<p>#17. The perimeter of a square is 52 cm. What is the length of each side?</p>	<p>#18. Write 347, 392 in expanded form.</p>	<p>#19. Order these fractions from least to greatest. $\frac{7}{8}$ $\frac{3}{8}$ $\frac{1}{2}$</p>	<p>#20. Simplify: $(2 \times 4) + 300 \div 5$</p>

July 2017

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August 2017

Show your work and answers in the boxes on the next page or on a separate sheet of paper.

<p>#1. Six friends have 4 sandwiches to share. What fraction of a sandwich would each person get?</p>	<p>#2.</p> <p>Simplify:</p> $\frac{6}{8} =$ $\frac{15}{25} =$ $\frac{8}{24} =$	<p>#3.</p> $1\frac{3}{4}, 3\frac{1}{2}, 7, \underline{\quad}, 28$ <p>In the above pattern, what number belongs between and 28?</p>	<p>#4. Think about a way you used math today. Illustrate it and/or write about it in your math journal.</p>	<p>#5. $3477+B = 3500$</p> <p>What value does B stand for?</p>
<p>#6. Order the following from least to greatest:</p> <p>0.03, 1.01, 0.90, 0.905</p>	<p>#7. Write an expression to represent the total number of people on the bus:</p> <p>There are N students on the bus for the field trip. There are also four chaperones.</p>	<p>#8. Draw a quadrilateral that has only one set of parallel sides.</p>	<p>#9. If 1,000 pencils cost \$20, how much would ten pencils cost?</p>	<p>#10. How old will you be on March 18, 2025?</p>

August 2017 Show your work in the boxes provided or on a separate sheet of paper.

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