Name: _____

For school year 2017-2018

Park School Summer Work for Incoming 7th Graders!

- This packet is designed to help you retain the information you learned in 6th 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.
- Use these websites to help you strengthen your skills in these areas! (www.math.com, www.algebralab.org, www.khanacademy.org)
- You can also work on mathia to help strengthen your skills.

Have a Wonderful Summer!

MATH

I'm a STAR Mathematician!

June 2017

Show your work and answers in the boxes on the next page.

#1. Give the place value for the underline digit 5<u>4</u>3.26	#2. How old will you be on March 1, 2020?	#3.You have a gift card for $15 at Panera, look at their menu and decide what two items you can buy. Make sure to state the item and cost.	#4. Compare 0.4 ___ 0.42	#5.Add: 2.14 + 3.3 (show work)
#6. Find the product. 2.3 X 6.1 (show work)	#7. Compare 0.23 ___ 0.230	#8. Write as an improper fraction $2\frac{3}{4}$	#9. Write as a mixed number $\frac{13}{6}$	#10. List factors of 100.
#11. Add, reduce if necessary $\frac{2}{3} + \frac{5}{8}$	#12. Solve: -6 + 10	#13. Find a math problem around your house. Describe how to solve it.	#14. Find the area of a square with a perimeter measuring 40 inches.	#15. Divide: 2.55 ÷ 0.5 (Show your work)
#16. Find the perimeter of a rectangle with a width of 12.5cm and a height of 6.7cm.	#17. Divide, show your work: 1256 ÷ 12	#18. Write the decimal as a percent in lowest terms. 0.42	#19. List all the factors of 60.	#20. Write the decimals as fractions. Express them in their simplest form. 0.24 = 1.50 = 3.25 =

June 2017   Show your work and Circle your answers in the space below.

#1.	#2.	#3.	#4.	#5.
#6.	#7.	#8.	#9.	#10.
#11.	#12.	#13.	#14.	#15.
#16.	#17.	#18.	#19.	#20.

July 2017   Show your work and answers in the boxes on the next page.

#1. Round to the place value in bold. 36,**4**78 = 6**1**.82 = **1**,793,000 = 0.6**2**5 =	#2. List the first 5 multiples for 4 and 7	#3. If you spend $5 a day, how long will it take you to save $100.	#4. What is 1/5 of 60?	#5. Change 6 km into cm.
#6. What is 25% of 500?	#7. Express the decimal as a percent: 0.375	#8. How tall are you in cm?	#9. Use a food add to purchase food for $20.	#10. Find the mean of the following data: 13, 6, 27, 5, 1
#11. Continue the pattern at least five more times. 12, 24, 36,...	#12. How many days left until school starts? Show your math work.	#13. What is the area of a rectangle with a width of 2.4cm and the length of 1.5cm?	#14. Solve: 9.24 - 2.351	#15. Vowels are worth $10 and consonants are worth $5. Can you make a word worth $100? $200?
#16. Write a story problem using the operation of multiplication.	#17. If the area of a square is 64 cm, what is the length of each side?	#18. Add (show work) $2\frac{3}{5} + 5\frac{4}{5}$	#19. Write the mixed number as an improper fraction. $12\frac{2}{5}$	#20. Simplify: Write the improper fraction as a mixed number $\frac{44}{5}$

July 2017

Show your work and Circle your answers in the space below.

#1.	#2.	#3.	#4.	#5.
#6.	#7.	#8.	#9.	#10.
#11.	#12.	#13.	#14.	#15.
#16.	#17.	#18.	#19.	#20.

August 2017 Show your work and answers in the boxes on the next page.

#1. Find the area of a triangle with a base of 10cm and a height of 16cm.	#2. Place the following numbers on a number line in order. 2, -5, 0, -4, 3	#3. Place the following numbers on a number line in order. 2.5, -0.5, 3.5, 1, -1.5	#4. 30 is what percent of 150?	#5. Find the product: $5 \times \frac{2}{7}$
#6. Order the following from least to greatest: 16, -16, 0, 5, -12, -23, 14	#7. Change the percent into a decimal. 3.5%	#8. Draw a quadrilateral that has only one set of parallel sides.	#9. Write the improper fraction as a mixed number. $\frac{100}{3}$	#10. Describe one way you used math over the summer.

August 2017 Show your work and Circle your answers in the space below.

#1.	#2.	#3.	#4.	#5.
#6.	#7.	#8.	#9.	#10.