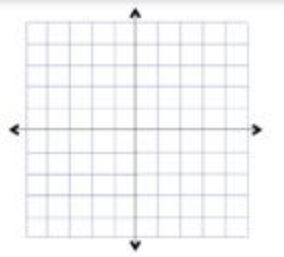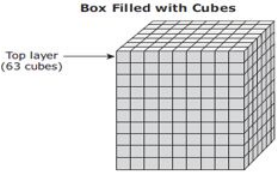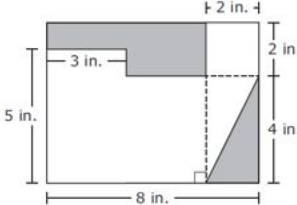# Roberto Clemente Middle School Rising IM6/IM7/Magnet IM Math Calendar

Name: _____

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday/Sunday
June 22 Jimmy can run 3.5 miles in 20 minutes. How far can he run in one hour and ten minutes?	**June 23** Find the LCM of the following: a.) 3 and 8 b.) 9 and 12 c.) 4 and 6	**June 24** If you bought 3 games each costing $12.99, and paid with a $50 bill. What would your change be?	**June 275** What expression represents four less than six times a number?	**June 26** Write an equation that is equivalent to 3(n+6)	
June 29 Find each product: a.) 13.08 x 0.7 b.) 1.14 x 0.86	**June 30** Graph the ordered pairs. (-3,-1) (1, -1) (1,5) 	**July 1** Connect the points in the previous problem. Then find the area of the given figure.	**July 2** Write and solve an inequality that means a number plus four is greater than or equal to twelve.	**July 3** Chad drove 168 miles in 3 hours. How many miles per hour did he drive?	**Look for ways you see math in everyday activities like cooking, shopping, errands, etc! Share something you find with your family every weekend!**
July 6 Find the volume of the cube. 	**July 7** Solve for each variable. a.) m – 64 = 7 b.) 3r + 2 = 35	**July 8** What is the area, in square units, of parallelogram ABCD?	**July 9** What is the area of the triangle shaped region of the figure below? 	**July 10** List three solutions for the inequality $x \le 3$ and give three numbers that are not solutions.	
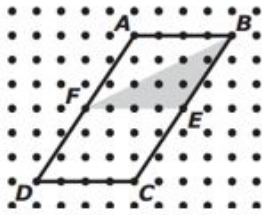
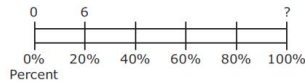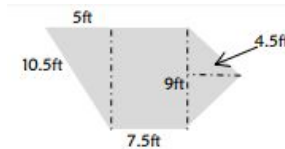| **July 13**	**July 14**	**July 15**	**July 16**	**July 17**	
A group of hikers buy 8 bags of trail mix. Each bag contains 3.5 cups of trail mix. The trail mix is shared evenly among 12 hikers. How many cups of trail mix will each hiker receive?	Jack brings 6 video games on vacation with him. These games represent 20% of his collection, as shown in the diagram. What is the total number of games in Jack's collection. 	Find the area of the figure. 	Anna bought a sweater at 40% off the original price. If she paid $12, what was the original price of the sweater?	Circle the letter of the survey question that will yield more results. Explain why you choose that question. a.) What country does each participant live in? b.) What town or city does each participant live in?	**Look for ways you see math in everyday activities like cooking, shopping, errands, etc! Share something you find with your family every weekend!**
July 20	**July 21**	**July 22**	**July 23**	**July 24**	
In a bouquet of 24 roses, sixteen are red and the rest are pink. What is the ratio of pink to red roses?	Evaluate each expression if a = 2, b=3 and c = 4. ● 2a + 4b – c ● 6(a + c) – b	Find each quotient a.) 6,728 ÷ 16 b.) 18,931 ÷ 83	**The number of blueberry muffins that a baker makes each day is 40% of the total number of muffins she makes.** On Monday, the baker makes 36 blueberry muffins. What is the total number of muffins that the baker makes on Monday?	**The number of blueberry muffins that a baker makes each day is 40% of the total number of muffins she makes.** On Tuesday, the baker makes a total of 60 muffins. How many blueberry muffins does the baker make on Tuesday?	

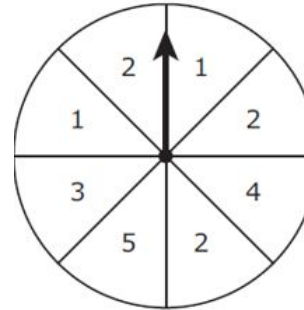| July 27	July 28	July 29	July 30	July 31	
Order the rational numbers below. $-\dfrac{2}{3}, \dfrac{7}{8}, -\dfrac{4}{5}, \dfrac{7}{10}, -\dfrac{4}{3}$	Liz buys a rectangular rug with an area of 35/4 square meters. The length of the rug is 7/2 meters. What is the width in meters of the rug?	If the sales tax is fixed in this town, fill in the table below. **Town Q Tax** <table><tr><td>Purchase</td><td>Sales Tax</td></tr><tr><td>$1,200</td><td>$72</td></tr><tr><td>$2,500</td><td>?</td></tr><tr><td>?</td><td>$108</td></tr></table>	What is the probability on the spinner below that the arrow will land on a value greater than 3? (spinner with values 2, 1, 1, 2, 3, 4, 5, 2)	Chad drove 168 miles in 3 hours. How many miles per hour did he drive? Chad stopped and filled the car with 11 gallons of gas. He had driven 308 miles using the previous 11 gallons of gas. How many miles per gallon did Chad's car get?	**Look for ways you see math in everyday activities like cooking, shopping, errands, etc! Share something you find with your family every weekend!**
August 3 Phoebe needs to use ¾ cup to make one batch of cookies. How many batches can she make with 12 cups of sugar?	**August 4** Which is colder -3˚ or -13˚? How much colder is that degree?	**August 5** Find the value of the following: a.) 2^4 b.) 4^3 c.) 6^2	**August 6** Find the absolute value of each: a.) -8 b.) 8	**August 7** Write and solve an inequality that means a number plus four is greater than or equal to twelve.	
August 10 A box of twelve granola bars was $3.60. What was the unit cost per bar?	**August 11** Evaluate each expression a.) 16 + 32 x 2 b.) 23 ÷ 4 + 12	**August 12** An aquarium's dimensions are 3.75ft x 2ft x 1.75ft. What is its volume?	**August 13** Circle the expression equivalent to 9x + 36. a.) 3(x + 9) b.) 9(x + 4	**August 14** The following are the lengths in inches of twelve fish caught one day: 11, 13, 13, 13, 14, 14, 14, 14, 15, 15, 16, 16 Create a dot plot to display the data.	

August 17	August 18	August 19	August 20	August 21	
Kate waters the garden every 3 days and weeds it every 4 days. She does both on April 2nd. What is the next date that she will both water and weed her garden?	Robert recorded the temperature outside his house in the table shown. Robert claims the difference between the temperatures is 8 degrees.	Find the quotient. $13\overline{)1.56}$	Find the quotient. $2\overline{)7.45}$	Find the product. 0.010 x 13.9 =	**Look for ways you see math in everyday activities like cooking, shopping, errands, etc! Share something you find with your family every weekend!**

For August 18:

Time	Temperature (F°)
4:00 p.m.	15
6:00 a.m.	-7

a. Explain why Robert's claim is incorrect.
b. What is the correct difference in temperatures?

Resources for extra help!

https://sites.google.com/a/mcpsmd.net/mcps-math-online-resources/