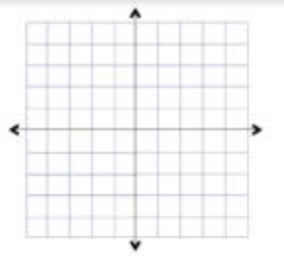
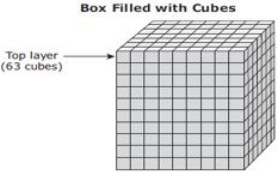
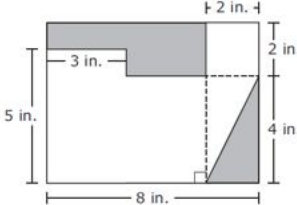
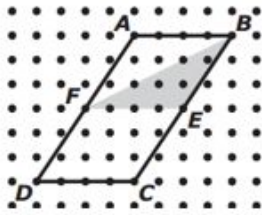


Roberto Clemente Middle School Rising IM6/IM7/Magnet IM Math Calendar

Name: _____

| Monday | Tuesday | Wednesday | Thursday | Friday | Saturday/Sunday |
|---|---|--|---|---|--|
| <p>June 22</p> <p>Jimmy can run 3.5 miles in 20 minutes. How far can he run in one hour and ten minutes?</p> | <p>June 23</p> <p>Find the LCM of the following: a.) 3 and 8 b.) 9 and 12 c.) 4 and 6</p> | <p>June 24</p> <p>If you bought 3 games each costing \$12.99, and paid with a \$50 bill. What would your change be?</p> | <p>June 27⁵</p> <p>What expression represents four less than six times a number?</p> | <p>June 26</p> <p>Write an equation that is equivalent to $3(n+6)$</p> | |
| <p>June 29</p> <p>Find each product: a.) 13.08×0.7</p> <p>b.) 1.14×0.86</p> | <p>June 30</p> <p>Graph the ordered pairs. (-3,-1) (1, -1) (1,5)</p>  | <p>July 1</p> <p>Connect the points in the previous problem. Then find the area of the given figure.</p> | <p>July 2</p> <p>Write and solve an inequality that means a number plus four is greater than or equal to twelve.</p> | <p>July 3</p> <p>Chad drove 168 miles in 3 hours. How many miles per hour did he drive?</p> | <p>Look for ways you see math in everyday activities like cooking, shopping, errands, etc! Share something you find with your family every weekend!</p> |
| <p>July 6</p> <p>Find the volume of the cube.</p>  | <p>July 7</p> <p>Solve for each variable. a.) $m - 64 = 7$</p> <p>b.) $3r + 2 = 35$</p> | <p>July 8</p> <p>What is the area, in square units, of parallelogram ABCD?</p> | <p>July 9</p> <p>What is the area of the triangle shaped region of the figure below?</p>  | <p>July 10</p> <p>List three solutions for the inequality $x \leq 3$ and give three numbers that are not solutions.</p> | |

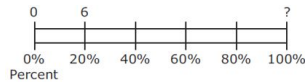


July 13

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?

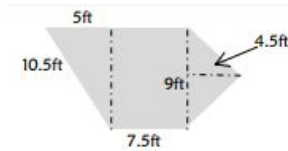
July 14

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.



July 15

Find the area of the figure.



July 16

Anna bought a sweater at 40% off the original price. If she paid \$12, what was the original price of the sweater?

July 17

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

In a bouquet of 24 roses, sixteen are red and the rest are pink. What is the ratio of pink to red roses?

July 21

Evaluate each expression if $a = 2$, $b = 3$ and $c = 4$.

- $2a + 4b - c$
- $6(a + c) - b$

July 22

Find each quotient
 a.) $6,728 \div 16$
 b.) $18,931 \div 83$

July 23

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?

July 24

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

Order the rational numbers below.

$$-\frac{2}{3}, \frac{7}{8}, -\frac{4}{5}, \frac{7}{10}, -\frac{4}{3}$$

July 28

Liz buys a rectangular rug with an area of $35\frac{1}{4}$ square meters. The length of the rug is $7\frac{1}{2}$ meters. What is the width in meters of the rug?

July 29

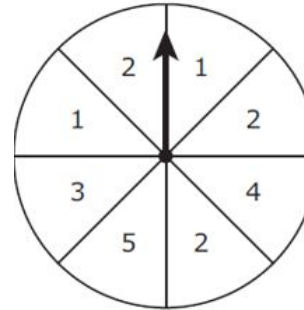
If the sales tax is fixed in this town, fill in the table below.

Town Q Tax

| Purchase | Sales Tax |
|----------|-----------|
| \$1,200 | \$72 |
| \$2,500 | ? |
| ? | \$108 |

July 30

What is the probability on the spinner below that the arrow will land on a value greater than 3?



July 31

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?

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August 3

Phoebe needs to use $\frac{3}{4}$ 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.) $16 + 32 \times 2$

b.) $23 \div 4 + 12$

August 12

An aquarium's dimensions are $3.75\text{ft} \times 2\text{ft} \times 1.75\text{ft}$. 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 | | | | | | | |
|--|---|-----------|------------------|-----------|----|-----------|----|---|--|--|--|
| <p>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?</p> | <p>Robert recorded the temperature outside his house in the table shown.</p> <p>Robert claims the difference between the temperatures is 8 degrees.</p> <table border="1" data-bbox="405 500 709 570"> <thead> <tr> <th>Time</th> <th>Temperature (F°)</th> </tr> </thead> <tbody> <tr> <td>4:00 p.m.</td> <td>15</td> </tr> <tr> <td>6:00 a.m.</td> <td>-7</td> </tr> </tbody> </table> <p>a. Explain why Robert's claim is incorrect.</p> <p>b. What is the correct difference in temperatures?</p> | Time | Temperature (F°) | 4:00 p.m. | 15 | 6:00 a.m. | -7 | <p>Find the quotient.</p> $13 \overline{)1.56}$ | <p>Find the quotient.</p> $2 \overline{)7.45}$ | <p>Find the product.</p> $0.010 \times 13.9 =$ | <p>Look for ways you see math in everyday activities like cooking, shopping, errands, etc! Share something you find with your family every weekend!</p> |
| Time | Temperature (F°) | | | | | | | | | | |
| 4:00 p.m. | 15 | | | | | | | | | | |
| 6:00 a.m. | -7 | | | | | | | | | | |

Resources for extra help!

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

