



MATH LEVEL H

NAME: _____

Name: Weekly Math Quiz - Q1:1		Date:
1. 5 th Grade Review Use >, <, or = to solve the inequality. $\frac{5}{8} \quad \frac{4}{7}$ $\frac{12}{15} \quad \frac{4}{5}$	2. 5 th Grade Review Find the sum. $ \begin{array}{r} 439,786 \\ + 185,847 \\ \hline \end{array} \qquad \begin{array}{r} 538.9 + 87.03 \\ \hline \end{array} $	
3. 5 th Grade Review Find the difference. $ \begin{array}{r} 85,056 \\ - 58,366 \\ \hline \end{array} \qquad 78.004 - 5.38 $	4. 5 th Grade Review Find the product. $ \begin{array}{r} 87.05 \\ \times 1.6 \\ \hline \end{array} \qquad 36,789 \times 218 $	
5. 5 th Grade Review Find the quotient. $14) \overline{7,532}$ $398.7 \div 0.8$	6. 5 th Grade Review Evaluate the expression. $12^2 \div [(12 \times 4) \div 8]$	
7. 6.NS.A.1 Draw a model to represent the problem and find the quotient. $\frac{3}{4} \div \frac{2}{8}$	8. 6.NS.A.1 Ramon has $\frac{7}{8}$ of a cup of cottage cheese. How many $\frac{1}{4}$ cup servings can he make?	

Name: Weekly Math Quiz - Q1:2		Date:
1. 5 th Grade Review Find the first 5 multiples and ALL the factors of 48. Multiples: Factors: Is the number Prime or Composite?	2. 5 th Grade Review Find the difference. $ \begin{array}{r} 8,305,113 \\ - 627,482 \\ \hline \end{array} $	
3. 5 th Grade Review Find the product. $ \begin{array}{r} 7,437 \\ \times 549 \\ \hline \end{array} $	4. 5 th Grade Review Evaluate the expression. $(32 + 47) \times (83 - 24) - 4^3$	
5. 6.NS.A.1 Find the quotient. $\frac{8}{9} \div \frac{4}{5}$	6. 6.NS.A.1 How many $\frac{1}{6}$ pound servings are there in $\frac{4}{5}$ of a pound of chicken?	
7. 6.NS.B.3 Solve. $6,480.45 - 692.88$ 7.498×5.8	8. 6.NS.B.2, 6.NS.B.3 Find the quotient. $ \begin{array}{r} 56) \overline{27,636} \\ 52.06 \div 1.9 \end{array} $	

Name: _____ Weekly Math Quiz - Q1:3 Date: _____

1. 5th Grade Review
Use >, <, or = to solve the inequality.

$$\frac{10}{12} \quad \underline{\hspace{1cm}} \quad \frac{7}{8}$$

$8.09 \quad \underline{\hspace{1cm}} \quad 8.090$

2. 5th Grade Review
Solve.

$$\begin{array}{r} 538,007 \\ - 15,844 \\ \hline 379,438 \end{array}$$

3. 5th Grade Review
Evaluate the expression.
 $82 + 5 \times 7 - 12 + 6^2$

4. 6.NS.A.1
What fraction best completes both equations?

$$\frac{1}{3} \div \frac{4}{10} = ?$$

$$? \times \frac{4}{10} = \frac{1}{3}$$

5. 6.NS.A.1
What division problem is being modeled?

$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$
---------------	---------------	---------------	---------------	---------------	---------------

$\frac{1}{9}$							
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6. 6.NS.B.3
Solve.

$$75,903.8 + 95.387$$

$$38.96 \times 15.7$$

7. 6.NS.B.2, 6.NS.B.3
Find the quotient.

$$3.2 \overline{)15.936}$$

$$1,834 \div 28$$

8. 6.NS.B.4
What is the Least Common Multiple of 5 and 8?

What is the Greatest Common Factor of 35 and 42?

Name: _____ Weekly Math Quiz - Q1:4 Date: _____

1. 5th Grade Review
Evaluate the expression.
 $\{362 - [6^3 + (48 \div 2) \times 2]\} + 3(9 + 4)$

2. 5th Grade Review
Solve.

$$\begin{array}{r} 6,528 \\ \times 427 \\ \hline 4,378,957 \\ + 3,683,709 \\ \hline \end{array}$$

3. 6.NS.A.1
Gina is making pancakes for breakfast. Each batch of pancakes calls for $\frac{1}{4}$ of a teaspoon of salt. Gina has $\frac{9}{10}$ of a teaspoon of salt left. How many batches of pancakes can she make?

4. 6.NS.B.3
Solve.

$$43.79 - 7.056$$

$$89.4 \times 8.02$$

5. 6.NS.B.2, 6.NS.B.3
Find the quotient.

$$0.15 \overline{)6.435}$$

$$369 \div 82$$

6. 6.NS.B.4
What is the Least Common Multiple of 3 and 4?

What is the Greatest Common Factor of 48 and 56?

7. 6.NS.B.4
Use the Distributive Property to express $18 + 24$.

8. 6.RP.A.1
Write the ratio of hands to cellphones in simplest form.



Name:

Weekly Math Quiz - Q1:5

Date:

1. 5 th Grade Review Evaluate the expression. $[(12 \times 5) - 10] \div 5$	2. 6.NS.A.1 Find the quotient. $\frac{5}{6} \div \frac{4}{12}$
3. 6.NS.B.3 Solve. $7,439.31 + 89.5$ $6,502.7 - 65.902$	4. 6.NS.B.2, 6.NS.B.3 Find the quotient. $0.8 \overline{)697.04}$ $3,681 \div 45$
5. 6.NS.B.4 What is the Least Common Multiple of 7 and 2? What is the Greatest Common Factor of 70 and 48?	6. 6.NS.B.4 Victor baked 30 chocolate chip cookies, 18 peanut butter cookies, and 24 sugar cookies. He wants to split them into equal and identical bags to sell at the bake sale. What is the greatest number bags of cookies Victor can make?
7. 6.RP.A.1 For every hour of exercise, Tina drinks 8 ounces of water. What is the ratio of hours to water? If Tina exercises for 3 hours, what will the ratio be?	8. 6.RP.A.2, 6.RP.A.3.B Joey can put together 4 burgers in 2 minutes. What is the unit rate for one burger?

Name:

Weekly Math Quiz - Q1:6

Date:

1. 5 th Grade Review Evaluate the expression. $(63 \div 3^2 + 4) \times 16$	2. 6.NS.A.1 Jennifer has $\frac{5}{6}$ of a candy bar and would like to split it equally between herself and her 4 friends. What fraction of the candy bar will each person get?
3. 6.NS.B.3 Solve. $74.039 - 7.34$ 1.29×5.4	4. 6.NS.B.2, 6.NS.B.3 Find the quotient. $2.6 \overline{)97.526}$ $4,610 \div 16$
5. 6.NS.B.4 Use the Distributive Property to express $8 + 36$.	6. 6.RP.A.1 Write the ratio of bowls to spoons in simplest form. 

7.
6.RP.A.2, 6.RP.A.3.B
Find the missing number of each unit rate.

$$\frac{4}{2} = \frac{?}{1} \quad \frac{20}{5} = \frac{?}{1}$$

8.
6.RP.A.3, 6.RP.A.3.A
Randle plans to work 8 hours every two days. At this rate, how many hours will he work in 7 days?

Name:

Weekly Math Quiz - Q1:7

Date:

<p>1. 5th Grade Review Evaluate the expression. $15 + 6 \times 7 - 12 \div 2$</p>	<p>2. 6.NS.A.1 Find the quotient. $\frac{7}{8} \div \frac{1}{7}$</p>										
<p>3. 6.NS.B.3 Solve. $456.88 + 39.045$ $83,005.4 - 5,283.77$</p>	<p>4. 6.NS.B.3 Find the quotient. $296.16 \div 2.4$</p>										
<p>5. 6.NS.B.4 Ms. Mary picks up Ed from art class every 3rd day and Mary from music class every 5th day. What is the first day Ms. Mary will need to pick up both Ed and Mary?</p>	<p>6. 6.RP.A.2, 6.RP.A.3.B Jose traveled 315 miles in 7 hours. Based on this rate, how many miles did Jose travel in one hour?</p>										
<p>7. 6.RP.A.3, 6.RP.A.3.A Complete the table.</p> <table border="1" data-bbox="128 1165 508 1372"> <tr> <td>napkins</td> <td>people</td> </tr> <tr> <td>6</td> <td>2</td> </tr> <tr> <td>12</td> <td>4</td> </tr> <tr> <td>15</td> <td></td> </tr> <tr> <td>24</td> <td></td> </tr> </table>	napkins	people	6	2	12	4	15		24		<p>8. 6.RP.A.3.C Brian has 75 pieces of candy. 45 pieces of his candy are chocolate. What percentage of his candy is chocolate?</p>
napkins	people										
6	2										
12	4										
15											
24											

Name:

Weekly Math Quiz - Q1:8

Date:

<p>1. 6.NS.A.1 Frank bought 9/10 of a yard of fabric. He will need 2/7 of a yard to make a small pillow. How many pillows will he be able to make? How much fabric will Fran have leftover?</p>	<p>2. 6.NS.B.3 Solve. $456.9 - 87.34$ 782.1×0.98</p>
<p>3. 6.NS.B.2, 6.NS.B.3 Find the quotient. $4,811.2 \div 9.7$</p>	<p>4. 6.NS.B.4 What is the Least Common Multiple of 7 and 10? What is the Greatest Common Factor of 16 and 20?</p>
<p>5. 6.RP.A.2, 6.RP.A.3.B Find the missing number of each unit rate.</p> $\frac{12}{3} = \frac{?}{1} \quad \frac{18}{6} = \frac{?}{1}$	<p>6. 6.RP.A.3, 6.RP.A.3.A If 4 bags of chips cost \$3.00, how much would 5 bags cost?</p>
<p>7. 6.RP.A.3.C A dress costs \$63. If the store is having a 20% off sale, how much does the dress cost now?</p>	<p>8. 6.RP.A.3.D Howard's pencil is 75 cm long. How many millimeters long is Howard's pencil?</p>

Name:

Weekly Math Quiz – Q2:1

Date:

1. 6.NS.A.1
Find the quotient.

$$\frac{4}{5} \div 3$$

2. 6.NS.B.2, 6.NS.B.3
Solve.

$$687.68 \div 0.7 =$$

$$754.8 \times 3.5$$

3. 6.NS.B.4
Use the Distributive Property to express $30 + 42$.

4. 6.RP.A.2, 6.RP.A.3.B
It took Jamie 300 seconds to run 4 laps around the track. What is Jamie's unit rate?

5. 6.RP.A.3, 6.RP.A.3.A
Complete the table.

Rides	Tickets
1	3
3	9
5	
	27

6. 6.RP.A.3.C
A book normally costs \$21.50. Today it was on sale for \$15.05. What percentage discount was offered during the sale?

7. 6.RP.A.3.D
How many ounces are in 12 cups?

$$\frac{8 \text{ oz.}}{1 \text{ cup}} = \frac{?}{12 \text{ cups}}$$

8. 6.EE.A.1
Evaluate the expression.

$$2^3 + 6\left(\frac{1}{2} + 5\right) \div 2$$

Name:

Weekly Math Quiz – Q2:2

Date:

1. 6.NS.A.1
Joe's Ice Cream Shop has $\frac{7}{8}$ of a gallon of vanilla ice cream left. They use $\frac{1}{12}$ of a gallon of ice cream to make one milkshake. How many vanilla milkshakes will they be able to make?

2. 6.NS.B.2, 6.NS.B.3
Solve.

$$89.015 + 9.649$$

$$6,594.2 - 489$$

3. 6.NS.B.4
At a bake sale, Bailey is selling plates with 3 chocolate chip cookies each. Julio is selling plates with 2 sugar cookies each. If a customer wants to buy the same number of cookies from Bailey and Julio, what is the smallest number of cookies they must buy from each person?

4. 6.RP.A.2, 6.RP.A.3.AB
Find the missing number of each unit rate.

$$\frac{18}{3} = \frac{?}{1} \quad \frac{15}{3} = \frac{?}{1}$$

5. 6.RP.A.3.C
What is 32% of 80?

What is 28% of 95?

6. 6.RP.A.3.D
A fish tank needs 10 gallons of water in order to fill it up. How many quarts are in a 10-gallon fish tank?

7. 6.EE.A.1
Simplify.

$$12^2 \quad 6^4$$

8. 6.EE.A.2.A
Write an expression that represents the quotient of a number and 3 multiplied by 4.

Name:

Weekly Math Quiz – Q2:3

Date:

1. 6.NS.A.1
Find the quotient.
 $5 \div \frac{2}{3}$

2. 6.NS.B.2, 6.NS.B.3
Solve.
 $144.325 \div 2.3$
 418.6×0.87

3. 6.NS.B.4
What is the Least Common Multiple of 9 and 5?

What is the Greatest Common Factor of 27 and 63?

4. 6.RP.A.2, 6.RP.A.3.AB
Karen spent 39 minutes knitting 3 hats. In all, how many hats could Karen knit in 117 minutes?

5. 6.RP.A.3.C
What percent of 40 is 14?

What percent of 75 is 21?

6. 6.RP.A.3.D
Katy ran a mile in 5 minutes. How many seconds are in 5 minutes?
$$\frac{60 \text{ sec}}{1 \text{ min.}} = \frac{?}{5 \text{ min.}}$$

7. 6.EE.A.2.A
Write a word phrase to represent the numerical expression below.
 $(7-3) \div 2$

8. 6.EE.A.2.B, 6.EE.A.2.C
What is the value of $8x^2 + 3x$ when $x = 4$?

Name:

Weekly Math Quiz – Q2:4

Date:

1. 6.NS.B.2, 6.NS.B.3
Solve.
 278.6×43.8
 $1,619.1 \div 3.5$

3. 6.RP.A.3, 6.RP.A.3.A
Complete the table.

students	pencils
2	8
3	12
5	
	24

5. 6.RP.A.3.D
An adult sting ray can measure about 350 cm long. How many meters is 350 cm?

7. 6.EE.A.2.B, 6.EE.A.2.C
Find the Perimeter of the rectangle using the formula $P=2L+2W$.



2. 6.NS.B.4
Use the Distributive Property to express $36 + 16$.

4. 6.RP.A.3.C
Nike is having a 20% off sale on all of their sneakers. If a pair of sneakers normally costs \$89, how much will it be during the sale?

6. 6.EE.A.2.A
Gina can write 3 pages per hour. Emily can write 5 pages per hour. If they both write for x number of hours, how many pages will they write altogether?

8. 6.EE.A.3, 6.EE.A.4
Are the expressions below equivalent? How do you know?
 $8x + 16$ $4(2x + 4)$

Name:

Weekly Math Quiz – Q2:5

Date:

<p>1. 6.NS.A.1 Find the quotient.</p> $\frac{11}{12} \div \frac{3}{5}$	<p>2. 6.NS.B.4 Tina has 18 sunflower seeds and 15 daisy seeds. She wants to distribute them equally into pots when planting them with no seeds left over. What is the greatest number of pots Tina can use?</p>
<p>3. 6.RP.A.2, 6.RP.A.3.AB Find the missing number of each unit rate.</p> $\frac{20}{4} = \frac{?}{1} \quad \frac{10}{5} = \frac{?}{1}$	<p>4. 6.RP.A.3.C What is 15% of 92? What is 38% of 65?</p>
<p>5. 6.EE.A.1 Evaluate the expression.</p> $8^2 + 15.7 \times 5 - 4$	<p>6. 6.EE.A.2.B, 6.EE.A.2.C What expression is represented in the model below?</p>
<p>7. 6.EE.A.3, 6.EE.A.4 Write an equivalent expression for</p> $8x + 3 + 5(2x + 6)$ <p>_____ , _____ , _____</p>	<p>8. 6.EE.B.5 List 3 values for x that would make this inequality true.</p> $X - 4 < 20$ <p>_____ , _____ , _____</p>

Name:

Weekly Math Quiz – Q2:6

Date:

<p>1. 6.NS.A.1 At the end of a party, there are 3 pizzas left over. Each person will eat $\frac{2}{8}$ of a pizza. How many people will 3 pizzas feed?</p>	<p>2. 6.NS.B.4 What is the Least Common Multiple of 12 and 7? What is the Greatest Common Factor of 54 and 18?</p>
<p>3. 6.RP.A.2, 6.RP.A.3.AB A toy factory can produce 135 toys in 5 hours. At this rate, how many hours will it take to produce 243 toys?</p>	<p>4. 6.RP.A.3.C What percent of 80 is 12? What percent of 68 is 17?</p>
<p>5. 6.EE.A.2.B, 6.EE.A.2.C What is the value of $8(3 + x)$ when $x = 7$?</p>	<p>6. 6.EE.A.3, 6.EE.A.4 Are the two expressions equivalent when $y = 3$? $45y - 18$ $9(5y - 2)$</p>
<p>7. 6.EE.B.5 What is the value of x? Circle the correct answer. $80 \div x = 4$ $x = 10 \quad x = 20 \quad x = 8$</p>	<p>8. 6.EE.B.6 For the past 25 days, Jonathan has read for n minutes each day. His total number of minutes read is 875. Write an equation to express the number of minutes Jonathan read.</p>

Name: _____		Weekly Math Quiz – Q2:7	Date: _____									
1.	6.NS.B.2, 6.NS.B.3 Solve. 78.43×0.97 $5,223 \div 1.2$	2. 6.NS.B.4 What is the Least Common Multiple of 6 and 15? What is the Greatest Common Factor of 53 and 56?										
3.	6.RP.A.3, 6.RP.A.3.A Complete the table. <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><th>X</th><th>Y</th></tr> <tr><td>2</td><td>8</td></tr> <tr><td>4</td><td>16</td></tr> <tr><td>5</td><td></td></tr> <tr><td></td><td>28</td></tr> </table>	X	Y	2	8	4	16	5			28	4. 6.RP.A.3.C Ben just purchased a new shirt for \$27.20 during a 15% off sale. What was the original price of the shirt?
X	Y											
2	8											
4	16											
5												
	28											
5.	6.EE.A.3, 6.EE.A.4 Are the two expressions equivalent when $x = 5$? $24x + 18$ $6(4x + 2)$	6. 6.EE.B.5 List 3 values for x that would make this inequality true. $24 > 2(x + 2)$ _____ , _____ , _____	7. 6.EE.B.6 Wendy purchased 9 pizzas for x dollars. She spent a total of \$85.50. Write an equation to express how much Wendy spent on pizza. Find the value of x.									
8.	6.EE.B.7 Solve for y. $y - 8 = 56$		7. 6.EE.B.7 Solve for x. $104 = 8x$									

Name: _____		Weekly Math Quiz – Q2:8	Date: _____
1.	6.NS.A.1 Find the quotient. $\frac{12}{15} \div \frac{6}{11}$	2. 6.RP.A.2, 6.RP.A.3.AB Find the missing number of each unit rate. $\frac{100}{25} = \frac{?}{1}$ $\frac{54}{3} = \frac{?}{1}$	
3.	6.RP.A.3.C What is 75% of 112? What is 60% of 75?	4. 6.EE.A.3, 6.EE.A.4 Use the Distributive Property to create an equivalent expression to $4x + 22$.	
5.	6.EE.B.5 What is the value of x? Circle the correct answer. $40 = 5x$ $x = 8 \quad x = 4 \quad x = 10$	6. 6.EE.B.6 Danny traveled 327 miles on Monday. He then traveled n miles on Tuesday for a total of 578 miles. Write an equation to express how far Danny traveled.	7. 6.EE.B.7 Solve for x. $104 = 8x$
8.	6.EE.B.7 Write the inequality this number line represents. 		8. 6.EE.B.7 Write the inequality this number line represents.

Name:

Weekly Math Quiz – Q2:9

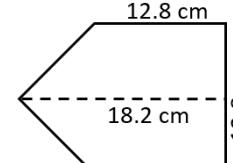
Date:

1.	6.NS.A.1 How many $\frac{2}{3}$ cup servings are there in a container that holds 7 cups?	2.	6.RP.A.2, 6.RP.A.3.AB McDonald's sells about 150 hamburgers every 3 seconds. How many seconds will it take McDonald's to sell 6,400 hamburgers?										
3.	6.EE.A.1 Simplify the expression. $18 + 12x$ What is the coefficient of x in the original expression? What is the constant in the original expression? _____ , _____ , _____	4.	6.EE.B.5 List 3 values that would make this inequality true. $3 \geq x - 4$ _____ , _____ , _____										
5.	6.EE.B.6 Tina planted 75 plants. N plants did not grow leaving her with 48 plants. Write an equation to express how many plants Tina has now.	6.	6.EE.B.7 Solve for x . $53 = 22 + x$										
7.	6.EE.B.8 In order to open a savings account at the bank, you must have at least \$25 in it at all times. Write an inequality to show how much money you need to have a savings account.	8.	6.EE.C.9 Find the rule. Solve for n . <table border="1"><tr><td>X</td><td>Y</td></tr><tr><td>4</td><td>9</td></tr><tr><td>5</td><td>11</td></tr><tr><td>7</td><td>n</td></tr><tr><td>9</td><td>19</td></tr></table> Rule:	X	Y	4	9	5	11	7	n	9	19
X	Y												
4	9												
5	11												
7	n												
9	19												

Name:

Weekly Math Quiz – Q3:1

Date:

1.	6.NS.B.2, 6.NS.B.3 Solve. $4,578 \times 0.34$ $1,179 \div 18$	2.	6.RP.A.3.C Emily ran her first lap in 75 seconds. She ran her second lap in 69 seconds. Using percentages, how much better was her first lap when compared to her second lap?										
3.	6.EE.A.1 Evaluate the expression. $81 \div 9 + (5^2 - 6.7) - 12$	4.	6.EE.B.6 Danny made 84 cupcakes on Monday and n cupcakes on Tuesday. He made a total of 145 cupcakes. Write an equation to express how many cupcakes Danny made.										
5.	6.EE.B.7 Solve for q . $72 = 8q$	6.	6.EE.B.8 Draw a number line to represent the inequality $34 > x$. _____										
7.	6.EE.C.9 Find the rule. Solve for n . <table border="1"><tr><td>X</td><td>Y</td></tr><tr><td>3</td><td>5</td></tr><tr><td>4</td><td>6</td></tr><tr><td>6</td><td>n</td></tr><tr><td>8</td><td>10</td></tr></table> Rule:	X	Y	3	5	4	6	6	n	8	10	8.	6.G.A.1 Find the area. 
X	Y												
3	5												
4	6												
6	n												
8	10												

Name:

Weekly Math Quiz – Q3:2

Date:

1. 6.NS.B.2, 6.NS.B.3
Solve.
 $329.10 + 6.48$
 $1,489.6 - 367$

2. 6.RP.A.3.C
If James measures 5 feet 4 inches tall, how tall is James in inches?

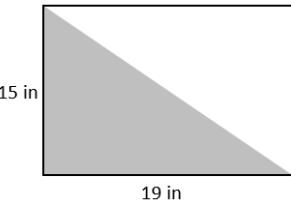
3. 6.EE.B.6
Wendy earned \$14 per hour for x hours, plus a bonus of \$50. Write an expression that represents how much Wendy earned.

4. 6.EE.B.7
Solve for r .
 $33 + r = 82$

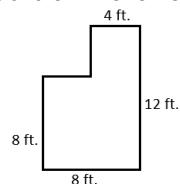
5. 6.EE.B.8
Write the inequality that represents the number line.



7. 6.G.A.1
Find the area of the shaded region.



8. 6.G.A.1
Gina is planning to put tile down on the kitchen floor. How many square feet of tile will she need?



Name:

Weekly Math Quiz – Q3:3

Date:

1. 6.NS.A.1
Find the quotient.
 $\frac{5}{8} \div \frac{2}{5}$

2. 6.RP.A.3
For a recipe, the ratio of broccoli to carrots is 3:2. If there are 9 ounces of broccoli, how many ounces of carrots are there?

3. 6.EE.A.3, 6.EE.A.4
Write an equivalent expression for $4x + 9 + 3y + 3x + 4$.

4. 6.EE.B.6
Meghan used her cell phone for 45 minutes each day for n days. Her total minutes of cell phone usage was 540 minutes. Write an equation to express how many days Meghan used her cell phone. Solve for n .

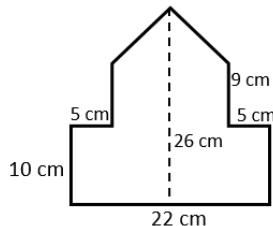
5. 6.EE.B.8
Randy started a new job. He was told that he will be able to work at least 20 hours per week. Write an inequality to shows how many hours Randy will work each week.

6. 6.EE.C.9
Find the rule. Solve for n .

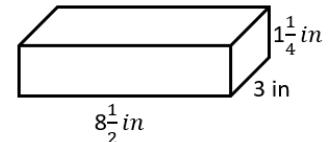
X	Y
2	4
4	10
5	n
7	19

Rule:

7. 6.G.A.1
Find the area.



8. 6.G.A.2
Find the volume.



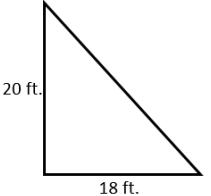
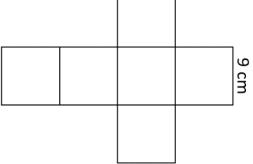
Name:

Weekly Math Quiz – Q3:4

Date:

1.	6.NS.A.1 Daren has $\frac{3}{4}$ of a gallon of soil. He needs to plant 5 small plants. If he splits the soil evenly between the plants, how much soil will each plant get?	2.	6.RP.A.3 Victor can wash 2 cars in 8 minutes. At this rate, how long would it take Victor to wash 20 cars?
3.	6.EE.B.7 Solve for y. $18y = 126$	4.	6.EE.B.8 Draw a number line to represent the inequality $5 \geq x$.
5.	6.EE.C.9 Fiona joins a fruit of the month club. The entry cost was \$25 and then she pays \$18 per month. If she participates for 8 months, how much will she pay in all? How much for 10 months?	6.	6.G.A.1 Find the area.
7.	6.G.A.2 Find the volume.	8.	6.G.A.4 Use the net to find the surface area of the cube.

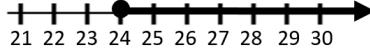
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Name:

Weekly Math Quiz – Q3:5

Date:

1.	6.NS.B.2, 6.NS.B.3 Solve. 43.28×6.7 $1,419 \div 22$	2.	6.RP.A.3.C Katlyn bought a new dress for \$34.65. If it was on sale for 23% off, what was the original price of the dress?
3.	6.EE.B.6 Gina takes three hours of dance class for x weeks. Write an expression to show the number of hours Gina dances.	4.	6.EE.B.8 Write the inequality that represents the number line.
			
5.	6.EE.C.9 Find the rule. Solve for n.	6.	6.G.A.2 Emma's pencil box is 7 inches long, 3 inches tall and $4\frac{1}{2}$ inches wide. How much space (cubic inches) will her pencil box take up in her desk?

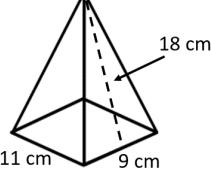
X	Y
8	4
10	5
12	n
16	8

Rule:

7.

6.G.A.4

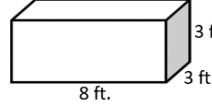
Find the surface area.



8.

6.G.A.4

Tina is planning to paint a wood box. She is using small paint cans that cover 20 square feet of surface area. How many cans will Tina need to paint the outside of her wood box?



Name:

Weekly Math Quiz – Q3:6

Date:

1. 6.NS.B.2, 6.NS.B.3
Solve.
 $2,894.07 + 5,948.6$
 $5,470.8 - 788.9$

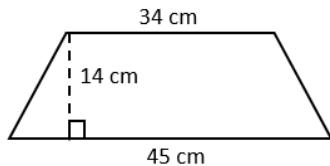
2. 6.RP.A.3.C
If the football team drank 504 ounces of water, how many cups did they drink?

3. 6.EE.B.6
Valerie has \$58 and gets x dollars for her birthday, giving her a total of \$114. Write an equation to express the amount of money Valerie has now.

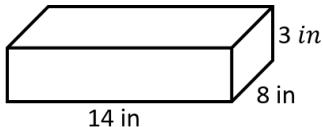
4. 6.EE.B.8
All season the baseball team has scored at least 5 runs in each game. Write and draw an inequality to show the number of runs they scored in each game.

5. 6.EE.C.9
Emily is training for a 10K race. On day one she runs for 20 minutes. On day two she runs for 30 minutes. On day three she runs for 40 minutes. If this pattern continues, how many minutes will she run on day 8? Day 12?

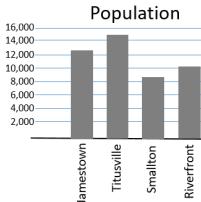
6. 6.G.A.1
Find the area.



7. 6.G.A.4
Gina is wrapping gifts for her daughter's birthday. How many square inches of wrapping paper must Gina use to wrap a box?



8. 6.SP.A.1, 6.SP.A.2
Write a statistical question for the graph below.



Name:

Weekly Math Quiz – Q3:7

Date:

1. 6.NS.A.1
Find the quotient.
 $\frac{6}{10} \div \frac{3}{4}$

2. 6.RP.A.3
In Amy's garden, the ratio of herbs to vegetable plants is 5:2. If there are 40 herb plants, how many vegetable plants are in Amy's garden?

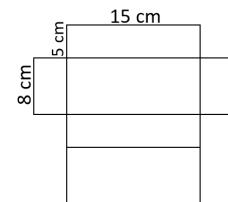
3. 6.EE.B.7
Solve for v .
 $75 + v = 234$

4. 6.EE.B.8
Draw a number line to represent the inequality $8 \leq x$.

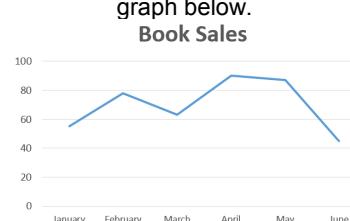


5. 6.G.A.2
Find the volume.

6. 6.G.A.4
Use the net to find the surface area of the rectangular prism.



7. 6.SP.A.1, 6.SP.A.2
Write a statistical question for the graph below.



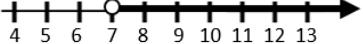
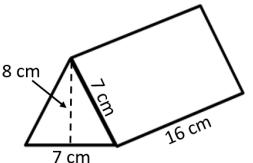
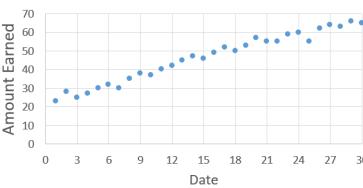
8. 6.SP.A.2, 6.SP.A.3
Find the median and mean of the data. Which reflects the best measure of the center?

14, 18, 16, 122, 22, 19, 12

Name:

Weekly Math Quiz – Q3:8

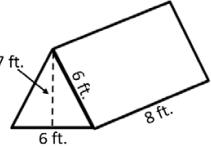
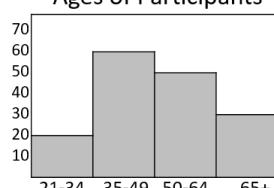
Date:

1.	6.NS.A.1	Ms. Smith purchased $\frac{1}{2}$ of a pound of grapes. She would like to make $1/12$ of a pound portions for this week's snacks. How many portions will she be able to make?	2.	6.RP.A.3	At the annual hotdog eating contest, James eats 32 hotdogs in 60 seconds. At this rate, how long would it take James to eat 48 hotdogs?
3.	6.EE.B.6	Frank has x baseball cards in his collection. He gets 45 more for his birthday. Write an expression to show the number of baseball cards Frank has altogether.	4.	6.EE.B.8	Write the inequality that represents the number line.
					
5.	6.G.A.2	Cindy's backyard is shaped like a rectangle that measures 20 feet long and 25 feet wide. How many square feet of sod does Cindy need to cover her entire backyard?	6.	6.G.A.4	Find the surface area.
					
7.	6.SP.A.2, 6.SP.A.3	Find the median and mean of the data. Which reflects the best measure of the center? 2, 4, 6, 8, 10, 15, 30	8.	6.SP.A.4, 6.SP.A.5	What is the correlation between the amount earned and the date? About how much were the profits on the 30 th of the month? Profits for August
					

Name:

Weekly Math Quiz – Q3:9

Date:

1.	6.NS.B.2, 6.NS.B.3	Solve. $83,498.8 + 587.04$ $23,420.77 - 4,874.9$	2.	6.RP.A.3	In a 24-hour period, Grace spends 8 hours sleeping, 8 hours at school, 2 hours at dance class, and the rest of the time with her family. What percentage of her day is used for family time?																				
3.	6.EE.B.6	The latest Xbox costs \$299 and games cost x dollars each. Wayne plans to purchase one Xbox and one game, spending a total of \$344. Write an equation to express the amount Wayne will spend.	4.	6.EE.B.8	A jar can fit up to 125 gumballs. Write an inequality to represent the number of gumballs the jar can hold.																				
5.	6.G.A.2	Jason is packing a large box with smaller shoe boxes. The large box has a volume of 5,832 cubic inches. Each shoebox measures 12in x 6in x 5in. About how many shoeboxes will Jason be able to fit in the large box?	6.	6.G.A.4	Andrea has sketched a picture of a tent she would like to build. How many square feet of fabric will she need for her tent (include all sides)?																				
																									
7.	6.SP.A.2, 6.SP.A.3	Find the mode and range of the data below.	8.	6.SP.A.4, 6.SP.A.5	The histogram shows the ages of the people who took a survey. What age range was highest? Ages of Participants																				
		<table border="1"><tr><td>X</td></tr><tr><td>X</td><td>X</td></tr><tr><td>X</td><td>X</td><td>X</td></tr><tr><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
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Name:

Weekly Math Quiz – Q4:1

Date:

1. 6.NS.B.2, 6.NS.B.3
Solve.
 $53,876 \times 7.2$
 $75.32 \div 0.08$

2. 6.RP.A.3.C
Randle made 5 liters of punch for his party. His friends drank 4,500 mL. How many milliliters are left at the end of the party?

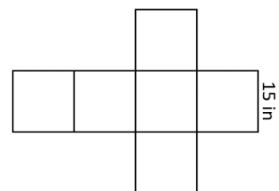
3. 6.EE.B.7
Solve for x.
 $308 = 22x$

4. 6.EE.B.8
Draw a number line to represent the inequality $x \leq 32$.



5. 6.G.A.1
Find the area.

6. 6.G.A.4
Use the net to find the surface area of the cube.

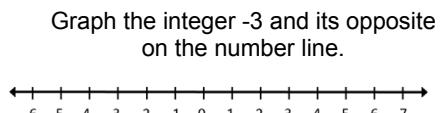
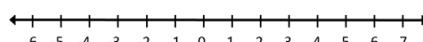


7. 6.SP.A.1, 6.EE.SP.A.2
Rewrite the non-statistical question as a statistical question.

How much food does your dog eat?

8. 6.NS.C.5, 6.NS.C.6.A
Graph the integer 5 and its opposite on the number line.

Graph the integer -3 and its opposite on the number line.



Name:

Weekly Math Quiz – Q4:2

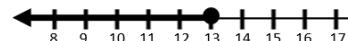
Date:

1. 6.NS.A.1
Find the quotient.
 $\frac{5}{7} \div \frac{2}{9}$

2. 6.RP.A.3.C
Jamie is making a beaded necklace. The ratio of blue beads to purple beads is 4:3. If Jamie uses 56 blue and purple beads to finish her necklace, how many of them will be purple?

3. 6.EE.B.7
Tom used twenty gallons of water to water his plants for x days. After x days, he used an additional forty gallons of water for a day on his pants. Write an expression that shows how the total gallons of water Tom used on his plants.

4. 6.EE.B.8
Write the inequality that represents the number line.

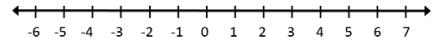


5. 6.G.A.2
Find the volume.

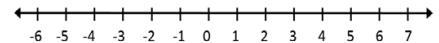
6. 6.SP.A.2
Find the mean, median, mode, and range of the data below.

23, 42, 38, 67, 15, 51, 22, 9, 42

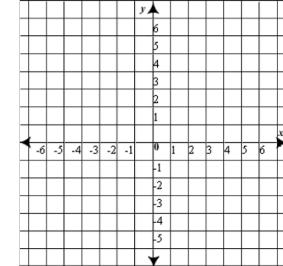
7. 6.NS.C.5, 6.NS.C.6.A
Graph the integer 0 and its opposite on the number line.



Graph the integer 1 and its opposite on the number line.



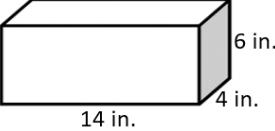
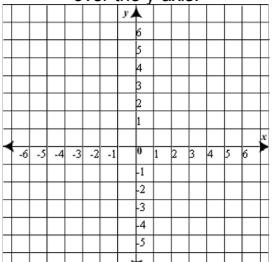
8. 6.NS.C.6.B, 6.NS.C.6.C
Graph the ordered pair (-3,2) and its reflection over the x-axis.



Name:

Weekly Math Quiz – Q4:3

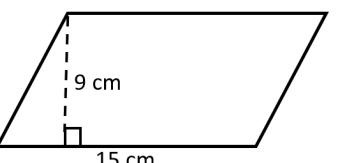
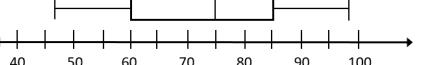
Date:

<p>1. 6.NS.A.1 Ricky has $\frac{3}{4}$ of a bag of Skittles. He wants to split the rest between his 5 friends. What fraction of the bag will each friend receive?</p>	<p>2. 6.RP.A.3 A 12 pack of Cola costs \$5.46. How much does one can of Cola cost?</p>
<p>3. 6.EE.B.6 What is the value of $4x - x + 5$ when $x = 3$?</p>	<p>4. 6.EE.B.8 Tina reads at least 30 minutes each day. Write an inequality to show how much Tina reads.</p>
<p>5. 6.G.A.4 Find the surface area. </p>	<p>6. 6.SP.A.2, 6.SP.A.3 Find the median and mean of the data. Which reflects the best measure of the center? 8, 140, 22, 15, 18, 9, 25, 15, 16</p>
<p>7. 6.NS.C.6.B, 6.NS.C.6.C Graph the ordered pair (5,-1) and its reflection over the y-axis. </p>	<p>8. 6.NS.C.7.A.B. Use $>$, $<$, or $=$ to compare the numbers. Plot them on the number line. 3 _____ -5 </p>

Name:

Weekly Math Quiz – Q4:4

Date:

<p>1. 6.NS.B.2, 6.NS.B.3 Solve. $43,796 + 489.67$ $65,000.8 - 547.2$</p>	<p>2. 6.RP.A.3 What is 28% of 45? What percent is 38 of 80?</p>
<p>3. 6.EE.B.6 Bananas cost \$0.47 per pound and Amanda purchased x pounds. She spent a total of \$1.41. Write an equation to express the amount Amanda spent on bananas.</p>	<p>4. 6.EE.B.8 Draw a number line to represent the inequality $x > 4$.</p> 
<p>5. 6.G.A.1 Find the area. </p>	<p>6. 6.SP.A.4, 6.SP.A.5 The box-and-whisker plot below shows the test scores for the last quiz. What is the interquartile range? </p>
<p>7. 6.NS.C.7.A.B. Use $>$, $<$, or $=$ to compare the numbers. Plot them on the number line. -4 _____ 0 </p>	<p>8. 6.NS.C.8 On a coordinate plane, a circle is centered at (5,5) and a triangle is centered at (-3,5). What is the distance between the centers of the circle and triangle?</p>

Name: Weekly Math Quiz - Q1:1 Teacher:

1. MCC.6.EE.A.1

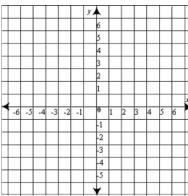
Use Order of Operations to simplify.

$$3^3 + 2[64 - (3 \times 7)]$$

2.

Plot the following points to create a rectangle. Find the missing vertex.
 $(5,3); (-5,3); (-5,-1)$

71.NS.6b and 18.NS.6c



3. 24.NS.8

Jon places a point on a coordinate plane at $(-1, -12)$. He wants to place another point across the y-axis, and it must be 11 points. Where will Jon place the other point?

4.

MCC.6.RP.A.3D

Fill in the Blank
 $5.5 \text{ quarts} = \underline{\hspace{2cm}} \text{ pints}$

5. MCC.6.RP.A.3B

How long will it take you to ski a distance of 24 miles at a speed of 6 miles per 30 minutes?

6.

MCC.6.EE.9

Determine two numbers that have a product of 40 but have a sum of 13.

7. MCC.7.NS.1c

Use the diagram below to find the solution to $1\frac{1}{2} - 3$ and place a point on your answer.

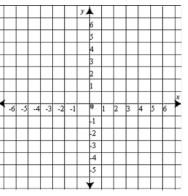


Name: Weekly Math Quiz - Q1:2 Teacher:

1.

Plot the following points to create a rectangle. Find the missing vertex.
 $(4,0); (-6,0); (-6,-4)$

71.NS.6b and 18.NS.6c



2.

24.NS.8
Steph places a point on a coordinate plane at $(3, -2)$. She wants to place another point across the x-axis, and it must be 7 units away. Where will Steph place the other point?

3.

MCC.6.RP.A.3D

Fill in the Blank
 $12 \text{ pints} = \underline{\hspace{2cm}} \text{ quarts}$

4.

MCC.6.RP.A.3B

How long will it take you to bike a distance of 108 miles at a speed of 24 miles per hour?

5.

MCC.6.NS.B.4

What is the GCF of 44 and 20?

6.

MCC.7.NS.1c

Simplify
 $16 - 1.42 + (-1.5)$

7.

MCC.7.NS2

Multiply:
 $\left(-\frac{3}{10}\right)\left(-\frac{2}{9}\right)$

8.

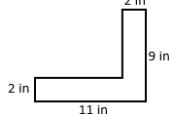
MCC.7.NS2

A recipe for cake needs $2\frac{1}{4}$ cups of cake. You are making $\frac{1}{2}$ of the recipe. How many cups of flour do you need?

Name: Weekly Math Quiz - Q1:3 Teacher:

1. What is the LCM of 5 and 12? MCC6.NS.4	2. At the bake sale, the students earned \$48.81. If there were 3 students, how much did each student earn? MCC6.NS.2			
3. Solve. 5^3 2.5^2 MCC6.EE.1	4. Notebooks cost \$1.20 each. This weekend they will be on sale for \$0.80. What percentage off of the original cost is the sale? MCC6.RP.3c			
5. The table shows a bank account balance for 2 days. <table border="1"><tr><td>Balance</td><td>\$44</td><td>-\$28</td></tr></table> How much did the bank account change over the two days? MCC7.NS.1	Balance	\$44	-\$28	6. Simplify: $-\frac{6}{5} \div 2\frac{2}{5}$ MCC7.NS.2
Balance	\$44	-\$28		

Name: Weekly Math Quiz - Q1:4 Teacher:

1. Place the following numbers on the number line. -2.42, -0.8, 0.33, 1.23 19.NS.7abcd	2. List 3 values that would make this inequality true. $42 \leq y$ _____ , _____ , _____
3. Find the area. 	4. Jon's weight loss for each week of the month is 5 lbs., 2.5 lbs., and 2.5 lbs. He gained 3.5 lbs. the last week. If Jon originally weighed 198 lbs., how much does he weigh now? MCC7.NS.1
5. Multiply the following $1\frac{5}{6} \cdot 2\frac{1}{3}$ MCC7.NS.2	6. Evaluate the expression. Write the answer as a decimal $\left(\frac{2}{5} + 1\right) \times (6 - 2)$ MCC7.NS.2d

Name: Weekly Math Quiz - Q1:5

Teacher:

1. MCC.6.RP.3c A group of 150 dancers are auditioning for a dance show. 62% of the dancers trying out did not get on the show. How many dancers didn't get on the show?

2. MCC.6.NS.2 Find the quotient.

$$15\sqrt{28,395}$$

3. MCC.7.NS.1 Subtract -14.2 from -5.3

4. MCC.7.NS.2 Jim had \$2,052.24 in his checking account. He wrote a check to pay for two airplane tickets. His account now has \$1,084.12. How much did each ticket cost?

5. MCC.7.NS.2d Simplify:
 $\frac{8}{10} + 6.25$

6. MCC.7.EE.4 Solve the equation:
 $\frac{x}{2} - 5 = -12$

7. MCC.7.EE.1 Find the GCF of $14x$ and $18xy$

8. MCC.7.EE.1 Circle the GCF of $22x^2y$ and $18xy^2$.
 $22x^2y: 2 \cdot 11 \cdot x \cdot x \cdot y$
 $18xy^2: 2 \cdot 3 \cdot 3 \cdot x \cdot y \cdot y$

Name: Weekly Math Quiz - Q1:6

Teacher:

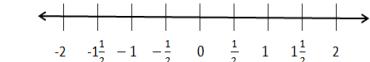
1. MCC.6.RP.3c A class of 50 students in a P.E. class has dressed up for class. 38% of them have on white shirts. How many students have on white shirts?

2. MCC.7.NS.1 Simplify
 $-\frac{4}{5} + \left(-\frac{5}{3}\right) =$

3. MCC.7.NS.2 If you erased $\frac{1}{4}$ of the shaded part below. How much of the original figure will be shaded?



4. MCC.7.NS.2d Place the following fractions on the number line.
 $-\frac{6}{3}$ (a), $\frac{18}{12}$ (b), $\frac{5}{2}$ (c), $-\frac{2}{2}$ (d)



5. MCC.7.EE.4 Solve the equation:
 $3(x - 4) = -21$

6. MCC.7.EE.1 Find the GCF of $16a$ and $32ab$.

7. MCC.7.EE.2 Two sides of a rectangle are $x - 7$ and $2x + 1$. Write an expression that represents the perimeter of this rectangle.

8. MCC.7.EE.1 Simplify the following expression:
 $3(2w - 4y + 3) + 6w - 6$

Name: Weekly Math Quiz - Q1:7

Teacher:

1. MCC.7.NS.1 Simplify $24 - 4.57 + (-4.62)$

3. MCC.7.NS.2 Find the median (middle) of the data set below?
 $-\frac{16}{4}, \frac{19}{5}, -3.5, \frac{1}{4}, 10$

5. MCC.7.EE.1 Which property is demonstrated by the following statement?
 $16 + (22 + a) = 16 + (a + 22)$

7. MCC.7.EE.4A Solve:
 $2x + 6 - 12x = 26$

2. MCC.7.NS.2 Divide:

$$\begin{array}{r} -48.54 \\ \hline -6 \end{array}$$

4. MCC.7.EE.4 Solve the equation:
 $-68 = 5y - 3$

6. MCC.7.EE.2 A rectangle has a perimeter of $(20x + 12y)$. If one side of the rectangle is $(3x - 4y)$, write the expression for the other side.

8. MCC.7.EE.4A Solve:
 $9x - 14 = 9x + 1$

Name: Weekly Math Quiz - Q1:8

Teacher:

1. MCC.7.NS.2 Below is a partially eaten pie. If $\frac{1}{4}$ of the pie below is eaten, what fraction of the original whole pie remains?



3. MCC.7.EE.4 Solve the equation:
 $27 = 17 - 5y$

5. MCC.7.EE.2 What algebraic property is demonstrated in the equation below?
 $6 + 4(7x - 2) = 6 + 28x - 8$

7. MCC.7.EE.3 What would the total bill be of a painting that costs \$20.50 with a tax rate of 6%?

8. MCC.7.EE.3 A living room wall is 13 feet long. How far from the corner would you have to the edge of a 3ft 6in shelf for it to be centered on the wall?

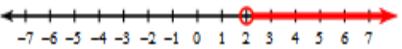
2. MCC.7.NS.2 Convert $\frac{5}{11}$ to a decimal by long division

4. MCC.7.EE.1 Expand the following:
 $\frac{3}{4}(-24x - 16)$

Name: Weekly Math Quiz – Q2:1 Teacher:

1.	MCC.7.NS.2 Multiply the following: $0.\overline{333} \times 15$	2.	MCC.7.EE.4 A large office desk has an area of 36ft^2 . If the width is 4.5 feet, write an equation to represent the area.
3.	MCC.7.EE.1 Circle the GCF of $18x^3y$ and $12xy^2$. $18x^3y$: $2 \cdot 3 \cdot 3 \cdot x \cdot x \cdot x \cdot y$ $12xy^2$: $2 \cdot 2 \cdot 3 \cdot x \cdot y \cdot y$	4.	MCC.7.EE.2 Simplify: $(5x + 3y) - (2x - 7y) + 8x$
5.	MCC.7.EE.4A Solve: $2(1 - 5k) = 2k + 38$	6.	MCC.7.EE.3 Josh currently bench presses 200 lbs. He increases that amount by 10% a month for 2 months. About how much can he bench press after 2 months?
7.	MCC.7.EE4B Solve: $12 + q \leq 8$	8.	MCC.7.EE4B Solve: $120 < 5m - 15$

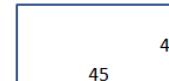
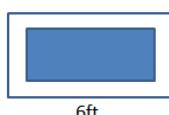
Name: Weekly Math Quiz – Q2:2 Teacher:

1.	MCC.7.EE.4 Solve the equation: $\frac{x}{3} - 4 = 9$	2.	MCC.7.EE.1 Which is equivalent to $6x - 8y$? $2(3x - 3y)$ or $-2(-3x + 4y)$
3.	MCC.7.EE.2 Students planted $2(3x + 4y)$ amount of trees on Saturday and then $3(x + 8)$ amount of trees on Sunday. What is the total amount of trees that the students planted?	4.	MCC.7.EE.4A Solve: $p + 2 = -12 - 3p$
5.	MCC.7.EE.3 A store is selling candy for \$8 for 16 bags. How much will it cost if you need to have 84 bags?	6.	MCC.7.EE4B Solve: $-18 < m - 54$
7.	MCC.7.EE4B Graph the inequality on a number line: $x \leq 5$	8.	MCC.7.EE4B Write an inequality that represents the graph below: 

Name: Weekly Math Quiz – Q2:3 Teacher:

<p>1. MCC.7.EE.1 Circle all the common factors of $8xy$ and $20x$.</p> <p>4, $8x$, $2xy$, x, y, 20, $4x$, $4y$</p>	<p>2. MCC.7.EE.2 Which property is demonstrated by the following statement?</p> $5 + (8 + g) = (5 + 8) + g$
<p>3. MCC.7.EE.4A Solve: $3x + 2 - 13x = -70$</p>	<p>4. MCC.7.EE.3 Ebert used to make \$18 an hour, but got a 10% raise. How much more will he make in a 40-hour work week with the raise?</p>
<p>5. MCC.7.EE4B Graph the inequality on a number line: $x \leq -2$</p> 	<p>6. MCC.7.EE4B Solve: $8\frac{2}{5} + 2h \leq 2\frac{3}{5}$</p>
<p>7. MCC.7.EE4B Awesome Car Company sold 24 cars this week. Their goal is to sell at least 20% more next week. Write an inequality that represents their goal.</p>	<p>8. MCC.7.EE4B Write an inequality to represent the phrase: The product of a number and 6 is no more than 48.</p>

Name: Weekly Math Quiz – Q2:4 Teacher:

<p>1. MCC.7.EE.2 How many of the triangles of area 12 can fit in the rectangle below?</p> 	<p>2. MCC.7.EE.4A Solve: $\frac{k}{2} - 2k + 1 = 7$</p>
<p>3. MCC.7.EE.3 A 3ft by 5ft mirror is placed in a wooden frame. What is the area of the frame?</p> 	<p>4. MCC.7.EE4B Solve: $24 < m - 100$</p>
<p>5. MCC.7.EE4B Write an inequality that represents the graph below:</p> 	<p>6. MCC.7.EE4B Write an inequality to represent the phrase: The sum of a number and 6 is no less than 31.</p>
<p>7. MCC.7.RP.1 For which statement is the unit rate equal to 6?</p> <p>A) Jon walked 12mi in 6 hrs B) April gained 6 lbs in 6 weeks C) There are 75 tennis balls in 25 canisters. D) 120 people fit in 20 rows at a game</p>	<p>8. MCC.7.RP.1 There are 45 M&Ms in a standard size bag. At 360 calories per bag, how many calories is it per M&M?</p>

Name:

Weekly Math Quiz – Q2:5

Teacher:

1. MCC.7.EE.4A Solve:
 $\frac{k}{2} - 5k + 3 = 4$

2. MCC.7.EE.3 A basketball team posts player foul shot ratios:
- Jon made 17 of 18
 - Jim got $\frac{7}{8}$ in
 - Joe's ratio was .88
- Who was the better shooter?

3. MCC.7.EE.4B Solve:
 $8 - 3x > -25$

4. MCC.7.EE.4B Solve and graph the inequality on a number line:
 $3 > g - 10$


5. MCC.7.EE.4B Write an inequality that represents the phrase: I need to get at least an 81 on the final exam to pass this course.

6. MCC.7.RP.1 Jon drove 365 miles on 20 gallons of gas. How many miles did he get per gallon?

7. MCC.7.RP.2, 2a, 2d Which pair of ratios does not form a true proportion?
 A) 4:7 and 20:35
 B) 3 to 5 and 15 to 25
 C) $\frac{9}{5} = \frac{27}{15}$
 D) 12:15 and 15:25

8. MCC.7.RP.2, 2a, 2d Ian walked 4 miles in 90 minutes. Bob walked 7 miles in 2.5 hours. Are these rates in proportion? If no, who walked faster?

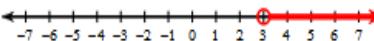
Name: Weekly Math Quiz – Q2:6

Teacher:

1. MCC.7.EE.3 Jan spent the day at the mall. She came home with \$9.50. She spent \$5.25 on earrings and 3 times that amount on a shirt. How much money did she take to the mall originally?

2. MCC.7.EE4B Solve:
 $-5.67 + q \leq 18.67$

3. MCC.7.EE.4B Write an inequality that represents the graph below:



4. MCC.7.EE.4B A child should no longer play in the kid zone area when they reach 4'4" tall. Joe is 54" tall. Is he allowed to play in the kid zone area? Explain.

5. MCC.7.RP.1 How much is the cost per ticket?

Ride Tickets	Cost (\$)
5	\$7.50
7	\$10.50
9	\$13.50
10	\$15.00

6. MCC.7.RP.2, 2a, 2d Which table represents a proportional relationship?

x	3	5	7
y	4	6	8
x	1	2	3
y	3	6	10

7. MCC.7.RP.2c, 3 Maria works as a florist and worked 12 hours last week and earned \$98. At that rate, how much will she earn this weekend if she works 14 hours?

8. MCC.7.RP.2c, 3 Alex rides 63 miles in 3 hours. Write an equation that shows the relationship between the distance, d and the time, t that he rides if Alex rides at a constant rate of speed?

Name:

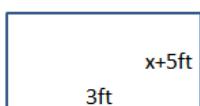
Weekly Math Quiz – Q2:7

Teacher:

1. Solve: $4 - 3x > -9$ MCC.7.EE4B

2. Graph the inequality on a number line: MCC.7.EE4B

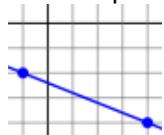
$$x \leq 10$$

3. Write an inequality for x that would give this rectangle an area of at least 93 ft². MCC.7.EE4B

5. Which equation(s) represents a proportional relationship? MCC.7.RP.2, 2a, 2d

- A) $y = \frac{1}{2}x$
B) $y = 3x^2$
C) $y = 9 - x$
D) $y = 6 + x$

7. What is the slope below? MCC.7.RP.2b



2. Graph the inequality on a number line: MCC.7.EE4B

$$x \leq 10$$

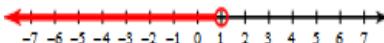
4. A 12 pack of soda is roughly \$2.50. What is the cost per one can of soda? MCC.7.RP.1

Name:

Weekly Math Quiz – Q2:8

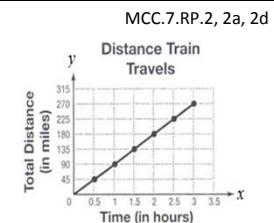
Teacher:

1. Write an inequality that represents the graph below: MCC.7.EE4B



3. Steve increases his math average by 12 points over a period of 8 weeks. On average, how many points per week did he increase? MCC.7.RP.1

5. In one year, Angelica's height went from 52 inches to 56 inches. What was the percent of increase in Angelica's height? MCC.7.RP.2c, 3



4. What does the point (2, 180) represent on the graph?

x	4	6	8	10
y	7	14	21	28

8. What is the slope between the points (4, -1) and (-4, 3)? MCC.7.RP.2b

7. The scale of a map is $1\frac{1}{2}$ inches = 50 miles. On the map, two rivers are $7\frac{1}{2}$ inches apart. What is the distance between the two rivers? MCC.7.G.1

6. What is the slope indicated in the table below?

x	4	6	8	10
y	7	14	21	28

8. A rectangle has an area of 25 square feet. A similar rectangle has an area of 200 square feet. What is the ratio of the areas of these similar rectangles? MCC.7.G.1

Name:

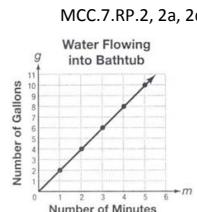
Weekly Math Quiz – Q2:9

Teacher:

1. MCC.7.EE4B Marisa wants to buy a quality phone for least \$200. She has already saved \$125 and plans to save an additional \$10 each week. Write an inequality that represents this.

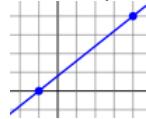
2. MCC.7.RP.1 At a currency exchange, 8 U.S. dollars can be exchanged for 6 Euros. How many Euros will you receive for 1 U.S. dollar?

3. What does the point $(3,6)$ represent on the graph?



4. MCC.7.RP.2c, 3 Maria and her sister each have a salad and a drink for lunch at a restaurant. A salad costs \$5.40 and a drink costs \$1.40. What was the total cost of the meal with a 20% tip?

5. MCC.7.RP.2b What is the slope below?



6. MCC.7.G.1 A gymnasium is 168 feet long and 96 feet wide. On a blueprint, the gymnasium is 8 inches long. What is the width of the gymnasium on the blueprint?

7. MCC.7.RP.3 Solve the proportional equation below:

$$\frac{3}{6} = \frac{7}{m}$$

8. MCC.7.RP.3 Solve the proportional equation below:

$$\frac{7}{2r} = \frac{4}{r+5}$$

Name: Weekly Math Quiz – Q3:1

Teacher:

1. MCC.7.NS.2 a,b,c How many $\frac{5}{6}$ -foot pieces of wood can you cut from a board that is $6\frac{5}{6}$ feet long?

Solve:

$$\frac{k}{2} + 5 - 2k = 6k$$

3. MCC.7.RP.2c, 3 Carlos bought an item online for \$120, and he was charged a \$15 fee for shipping. What percent of the sale price was the shipping fee?

4. MCC.7.RP.2b What is the slope between the points $(0,-5)$ and $(-9,1)$?

5. MCC.7.G.1 A rectangle has an area of 18 square feet. A similar rectangle has an area of 160 square feet. What is the ratio of the areas of these similar rectangles?

6. MCC.7.RP.3 Solve the proportional equation below:

$$\frac{5}{15} = \frac{3}{v}$$

7. MCC.7.G.2 Which set of numbers **cannot** represent the lengths of the sides of a triangle?
A) 7, 9, 12
B) 8, 6, 7
C) 8, 20, 12
D) 10, 13, 20

8. MCC.7.G.2 If two angles of a triangle have measures of 38° and 25° , what is the measure of the third?

Name:

Weekly Math Quiz – Q3:2

Teacher:

1. MCC.7.EE.4b

Solve:
 $80 \geq -8(w - 8)$

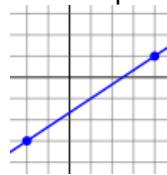
2. MCC.7.RP.2c, 3

Complete the table to make this a proportional relationship.

x	1	6	8	11
y	?	18	22	28

3. MCC.7.RP.2b

What is the slope below?



5. MCC.7.RP.3

Solve the proportional equation below:

$$\frac{b}{4} = \frac{b-8}{5}$$

4. MCC.7.G.1

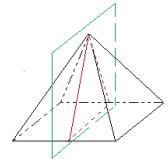
A circle has a radius of 4 feet. What is the circumference of a bigger circle if the scale factor of the smaller to bigger is 4:9?

6. MCC.7.G.2

Draw a right triangle that is also isosceles.

7. MCC.7.G.3

Name the cross sectional area below.



8. MCC.7.G.3

Sphere, Cylinder and/or Cone?

Which shape possesses a set of parallel cross sections that are congruent circles?

Name:

Weekly Math Quiz – Q3:3

Teacher:

1. MCC.7.RP.2c, 3

Which is cheaper? 20% off the original price of \$29.99 or 10% off the original price of \$26 for a book?

2. MCC.7.RP.2b

What is the slope indicated in the table below?

x	12	14	16	18
y	21	17	13	9

3. MCC.7.G.1

A room is 9ft long by 18ft wide. A blueprint shows the room to be 4.5 inches long. What is the width of the room in the blueprint?

4. MCC.7.RP.3

Solve the proportional equation below:

$$\frac{3}{2} = \frac{4}{x-2}$$

5. MCC.7.G.2

An angle in an isosceles triangle has a measure of 40° . What are the possible measures of the other angles?

6. MCC.7.G.3

Which could be a cross section of the shape below?

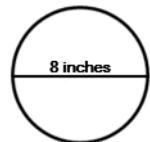
- A) Square
- B) Circle
- C) Cylinder
- D) None of the above



7. MCC.7.G.4

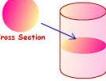
A circle has a diameter of 12 feet. What is its area?

8. MCC.7.G.4

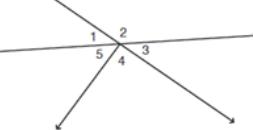


Area: _____ Circumference: _____

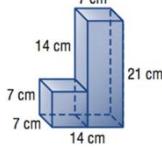
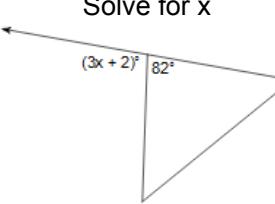
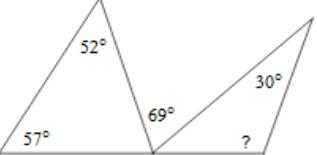
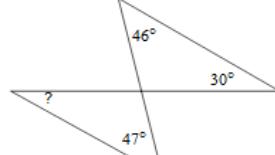
Name: Weekly Math Quiz – Q3:4 Teacher:

1. MCC.7.RP.2b Find the missing value so that the two points have a slope of $\frac{1}{2}$. $(7,2)$ and $(3,y)$	2. MCC.7.G.1 A building is 105ft long and 75ft wide. A $\frac{1}{15}$ model is built of the building. How long and how wide is the model?
3. MCC.7.RP.3 Solve the proportional equation below: $\frac{5}{12} = \frac{x}{15}$	4. MCC.7.G.2 Which of these side lengths will NOT form a triangle? A) 32 in, 44 in, 54 in B) 2 in, 3 in, 4 in C) 5 in, 5 in, 5 in D) 4 in, 6 in, 10 in
5. MCC.7.G.3 Draw a 3-dimentional figure that would have a cross section of the shape below. 	6. MCC.7.G.4 This cylinder is 6 inches tall & has a volume of $60\pi \text{ in}^3$. Find the area of the cross section. 
7. MCC.7.G.6 A milk carton is 20cm long, 5cm wide and 40cm high. How much milk can it hold?	8. MCC.7.G.6 A cube has a volume of 125 cm^3 . What is the area of one of its faces?

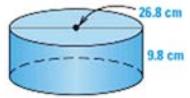
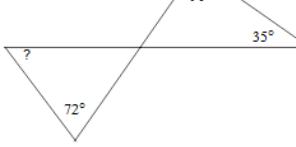
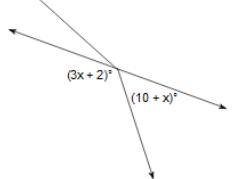
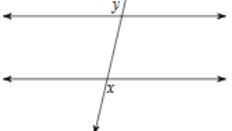
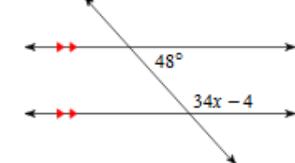
Name: Weekly Math Quiz – Q3:5 Teacher:

1. MCC.7.G.1 Jon makes a map of his neighborhood for a presentation. The scale of his map is 1 inch:250 feet. How many feet do 6.5 inches represent on the map?	2. MCC.7.RP.3 Solve the proportional equation below: $\frac{2x - 16}{3} = \frac{7}{5}$
3. MCC.7.G.2 In right triangle ΔABC , $m\angle A = 48^\circ$. Find $m\angle B$.	4. MCC.7.G.3 What is the shape of a cross section that is perpendicular to the base of a cylinder? A) rectangle B) triangle C) square D) circle
5. MCC.7.G.4 This cylinder is 5 inches tall and has a volume of $80\pi \text{ in}^3$. What is the area of the cross section?	6. MCC.7.G.6 The dimensions of a box are $4\text{cm} \times 5\text{cm} \times 3\text{cm}$. What is the volume of this box?
7. MCC.G.5 If $m\angle A + m\angle B = 90$, then $m\angle A$ and $m\angle B$ are classified as what kind of angles?	8. MCC.G.5 Which \angle 's are supplementary? 

Name: Weekly Math Quiz – Q3:6 Teacher:

<p>1. MCC.7.RP.3 Solve the proportional equation below:</p> $\frac{5}{2} = \frac{x + 9}{x - 3}$	<p>2. MCC.7.G.2 Draw an obtuse triangle that is also scalene.</p>
<p>3. MCC.7.G.3 Sphere, Cylinder and/or Cone? Which of the shapes possess a set of parallel cross sections that are non-congruent circles?</p>	<p>4. MCC.7.G.4 The distance around a circle is 37.7 meters long. What is the diameter of the circle?</p>
<p>5. MCC.7.G.6 What is the volume of the container?</p> 	<p>6. MCC.G.5 Solve for x</p> 
<p>7. MCC.G.5 Find the missing angle</p> 	<p>8. MCC.G.5 Find the missing angle</p> 

Name: Weekly Math Quiz – Q3:7 Teacher:

<p>1. MCC.7.G.2 The lengths of two sides of a triangle are 11 and 17. Which measurement cannot be the length of the third side?</p> <p>A) 6 B) 7 C) 8 D) 9</p>	<p>2. MCC.7.G.3 Cone, Cube, Cylinder, Sphere and/or Rectangular Prism My cross sections are sometimes a circle.</p>
<p>3. MCC.7.G.4 If the area of the square is 64mm^2, then what is the circumference of the circle?</p> 	<p>4. MCC.7.G.6 What is the surface area of the cylinder below?</p> 
<p>5. MCC.G.5 Solve for ?</p> 	<p>6. MCC.G.5 Solve for x</p> 
<p>7. MCC.G.5 Name the relationship between the angles</p> 	<p>8. MCC.G.5 Solve for x</p> 

Name:

Weekly Math Quiz – Q3:8

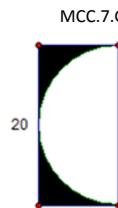
Teacher:

1. MCC.7.G.3 Cone, Cube, Cylinder, Sphere and/or Rectangular Prism
My cross sections are always a circle.

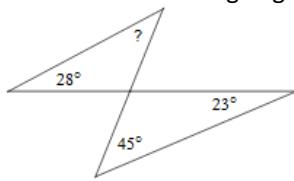
2. MCC.7.G.4 If the area of the circle is 49π square meters, then what is the perimeter of the square?



3. MCC.7.G.6 Determine the combined length of the border of the shaded regions.

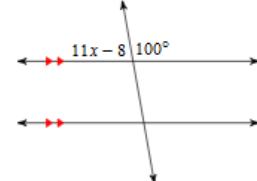


5. MCC.G.5 Determine the missing angle.

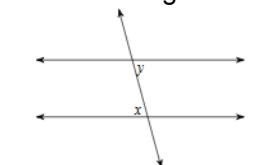


7. MCC.7.SP.4 Jim's physics quiz scores were 78, 81, 78, 56, and 83. What was his mean score?

4. MCC.G.5 Solve for x



6. MCC.G.5 Determine the relationship between the angles below:



8. MCC.SP.4 Find the median of the data.
83, 68, 57, 57, 87, 58, 51

Name:

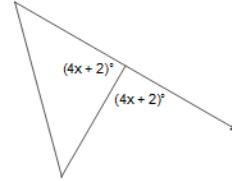
Weekly Math Quiz – Q3:9

Teacher:

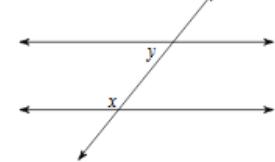
1. MCC.7.G.4b Solve:
 $15 < m - 23$

2. MCC.7.G.6 A rectangular prism has the dimensions 4cm by 10cm by 12cm. What is the volume of this figure?

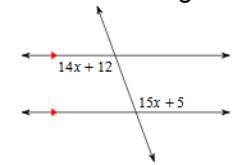
3. MCC.G.5 Solve for the value of x



4. MCC.G.5 Name the relationship between the angles below:



5. MCC.G.5 Solve for x in the diagram below



6. MCC.7.SP.4 8 businesses were asked how many employees they have. Here is the data.
4, 5, 6, 5, 4, 6, 3, 8
Find the mean, median, and mode of the data.

7. MCC.7.SP.1 Jon surveyed his school to find their preference on their favorite lunch item. He asked everybody sitting at the first table in the lunch room. Identify the population in this situation.

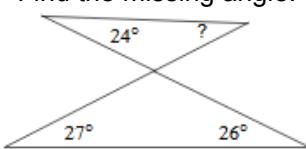
8. MCC.7.SP.1 Based on the sample of 8th graders in the table, how many of the 350 students in 8th grade will like Pop/Rock as their favorite type of music?

Music	Number
Pop/Rock	12
Rap/Hip-hop	7
Country	6

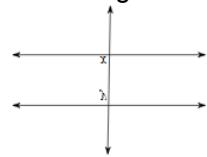
Name: Weekly Math Quiz – Q4:1 Teacher:

1. MCC.7.G.6
The area of the base of an 8-inch-tall cylinder is 36π inches². What is the volume of this cylinder?

2. MCC.G.5
Find the missing angle.

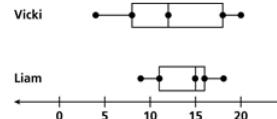


3. MCC.G.5
Identify the relationship between the angles.

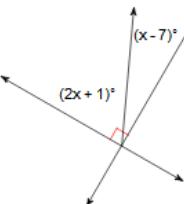


5. MCC.7.SP.4
Becky surveyed the 24 shoppers who spent the most time and money at her boutique last month. Describe why this will not result in a representative sample.

7. MCC.7.SP.3
Of the two box and whisker plots below, which student has the greatest range in data?



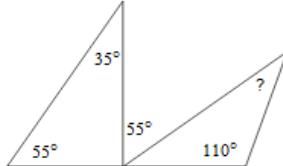
4. MCC.G.5
Find the value of x.



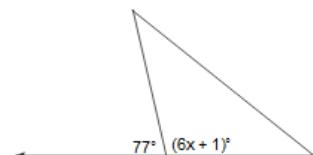
6. MCC.7.SP.1
In a factory, a manager tests 150 products and finds defects in 8 of them. How many defects are likely going to be in a 9,000-unit order?

Name: Weekly Math Quiz – Q4:2 Teacher:

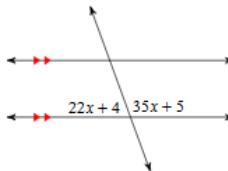
1. MCC.G.5
Find the missing angle.



2. MCC.G.5
Find the value of x.



3. MCC.G.5
Find the value of x.



4. MCC.7.SP.4
Jon's test grades are 76, 84, 82 and 78. What does he need to make on his next test to have an 83 average?

5. MCC.7.SP.1
Out of the 60 customers surveyed, 25 of them liked the iPhone the most. If 240 people were given the same survey, predict how many would prefer an iPhone.

6. MCC.7.SP.4
Calculate the mean absolute deviation of the number set: 2, 8, 8, 12, 15

7. MCC.7.SP.5,6
Place each letter appropriately on the probability line
a. The event is certain to happen.
b. The event is just as likely to happen as not to happen.
c. The event has no chance.
d. The event could happen.
e. The event is likely to happen.



8. MCC.7.SP.5,6
The theoretical probability of spinning red is $\frac{5}{9}$. If someone spins the spinner a total of 720 times, how many times could they expect to land on red?

Name:

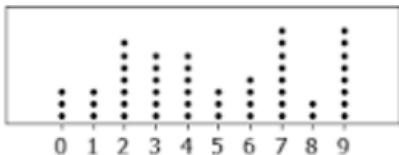
Weekly Math Quiz – Q4:3

Teacher:

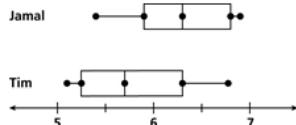
1. MCC.G.5 Solve for x

2. MCC.G.5 Solve for x

3. MCC.7.SP.4 Determine the range of the dot plot shown below:



5. MCC.7.SP.4 Using the box and whisker shown for Jamal and Tim, whose data set probably has the largest Mean Absolute Deviation?

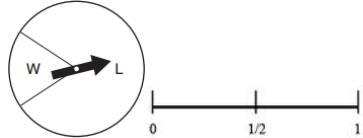


7. MCC.7.SP.7,a,b A coin is tossed 400 times and heads came up 175 times. What is the experimental probability of tossing tails?

2. MCC.G.5 Solve for x

4. MCC.7.SP.1,2 Chick-fil-A prints out a free sandwich coupon every 7th receipt at the register. If the customer wants to get the free sandwich coupon, they need to fill out a survey online to get the coupon code. What type of sampling method is this?

6. MCC.7.SP.5,6 Place the letter W and letter L on the probability line that estimates each of their respective probability of being spun.



8. MCC.7.SP.7,a,b A fair spinner with the numbers 1-10 is spun 100 times. List the probabilities below from least to greatest.

$$P(\text{odd}), P(>4), P(\text{prime}), P(8)$$

Name:

Weekly Math Quiz – Q4:4

Teacher:

1. MCC.G.5 Solve for x

2. MCC.7.SP.4 Calculate the mean of the number set:
8, 10, 8, 14, 8, 15

3. MCC.7.SP.1,2 Mr. Smith drove 30, 24, 27, 41, and 98 miles on his last five trips. Which measure of central tendency best describes Mr. Smith's typical driving distance?

4. MCC.7.SP.3 Which temperature is most likely to be a data point for *both* cities?
A) 68° B) 72° C) 82° D) 75°

	Average Temperature	Mean Average Deviation (MAD)
City 1	70°	5
City 2	80°	5

5. MCC.7.SP.5,6 Which does NOT have an equal chance?
A) Choose a number at random from 1 to 6
B) Toss a fair coin
C) Choose a letter at random from the word SEVENTH

6. MCC.7.SP.7,a,b The results of a survey show that football is the favorite sport for 13 out of 20 people. What is the percent probability for this?

7. MCC.7.SP.8a,b,c,d Make a tree diagram for tossing a coin twice.

8. MCC.7.SP.8a,b,c,d For lunch, Helen has 3 kinds of sandwiches to choose from and 4 different flavors of chips. How many different lunches can she make?