

Math 6 | APRIL 2020

{ Mrs. Jones: 443-390-6673 }



A virtual hello to you!

I hope you are well and would love to hear from you whether you are doing well or struggling during this strange time. It has been an odd transition for me and many of my family and friends, but I am thankful to be able to rely on a supportive community. **I hope that we at Crossroads can be part of your supportive community.**

Community Video Calls

In the spirit of that community, I would like to offer a **weekly video call time** for students to connect with each other and provide a sense of our usual classroom time together. This is **completely optional**. If students would like to participate, they can **go to the website url** on their phone or on a computer. You can then choose to show your video or not. Students can also choose to participate via phone audio only, which does not require internet access.

When: **Every Tuesday from 12:40-1pm** (immediately following my available class time)

Video and audio: <https://qrqo.page.link/5zSxx>

Audio only, no internet required: call **571-392-7650** and enter PIN: 149 361 2084

Class Time Availability

If students would like more 1:1 or small group support from me, I will have a **daily class time** Monday-Friday, except on Wednesdays. During class time I will be immediately available to assist students in their virtual learning. If contacted outside this time, I will do my best to respond to you as quickly as I am able. Students can call, text, or video with me during this time.

When: **11:40am-12:40pm Monday-Friday, except Wednesdays** ---- **443-390-6673**

Work Expectations

I have provided **approximately 40minutes of math each day** as a combination of our usual **weekly warm up & KhanAcademy** (which I have made into an identical paper format as well). The work is very similar to what we would be doing in class if we were still at school as we usually spend this month reviewing all of our skills. While the warm up reviews a constant mix of skills to keep them all fresh, the **KhanAcademy work is themed each week** to focus on one unit and **"due" Fridays at 10pm**. Towards the end of the month you will see new work with our Geometry unit – **please utilize the videos on KhanAcademy and YouTube and reach out if you have any questions**. If students find the rigor to be too challenging or not challenging enough, please reach out to me for a modified curriculum.

6° de Matemáticas | Abril 2020

{ Sra. Jones: 443-390-6673 }

¡Reciban un saludo virtual!

Primeramente, espero que estén bien. Me encantaría saber de ustedes – si la están pasando bien, o si hay algo en el que podría serles de utilidad. Lo que en estos momentos estamos viviendo es complicado para todos: para mí, mi familia y amigos, por ejemplo. Sin embargo, estoy sumamente agradecida por que tengo a seres queridos que me dan amor y que me apoyan. Todos en Crossroads esperamos ser de ustedes una comunidad similar: una entidad en la que pueden confiar y encontrar amor y apoyo.

Videos a la Comunidad

Par que seamos verdaderamente una comunidad, me gustaría conectar con cada uno de mis alumnos por medio una llamada de video *cada semana*. Esto es completamente opcional: aquellos interesados podrían hacerlo ingresando al sitio web que aparece abajo. Hay dos opciones: hablar conmigo por video, o hablar conmigo simplemente vía audio, sin incluir imágenes o video. Aquellos que opten hablar conmigo solamente vía audio no necesitan tener acceso al internet. Comparto los detalles:

¿Cuándo? Cada martes, de las 12:40 a la 1 p.m. (es decir, inmediatamente después de mi clase virtual).

Video y Audio: <https://qrqo.page.link/5zSxx>

Video (no se necesita el internet): teléfono: 571-392-7650 / PIN: 149 361 2084.

Disponibilidad Adicional

Para serles de más utilidad o para trabajar de forma grupal, hago de su conocimiento de que tendré clases virtuales a diario: **de las 11:40 a.m. a las 12:40 p.m. (a excepción de los miércoles)**. Durante estas llamadas, podría contestar dudas de forma instantánea en esta nueva forma de aprender que estamos todos experimentando por primera vez. Aquellos interesados deben marcarme, durante el horario que previamente expliqué, al **443-390-6673**.

Expectativas

El trabajo académico que le estoy dando a mis alumnos equivale a **40 minutos del día**. En este tiempo, ya está incluido otras cosas que a diario hacemos en clase: las actividades de "warm up" y "KhanAcademy". Todo es idéntico a lo que a diario hacemos en clase, sólo que ahora está impreso. Es decir, las actividades de "warm up" sirven reparar conceptos aprendidos en clase y "KhanAcademy" sirve para aprender algo nuevo cada semana (el concepto cambia cada semana). **El trabajo de "KhanAcademy" se debe entregar cada viernes a las 10 p.m.** Ojo: al final del mes, notarán nuevos conceptos de Geometría – utilicen los videos de "KhanAcademy" y "YouTube", además, podrían comunicarse conmigo si lo ven necesario. Adicionalmente, aquellos que encuentren estas actividades demasiadamente difícil de hacer, podrían comunicarse conmigo para recibir un currículo diferente.

Khan Academy Daily Assignments

ASSIGNMENTS FROM TEACHER

- Once logged into KhanAcademy, look on the left side of the screen to select "Assignments".
- Once there, **review "Active" assignments and complete by assigned deadline.**
- Additionally, *confirm you have finished any "Past" assignments* you might have missed.

Please Text or call with questions!
443-390-6673

Khan Academy GROWTH Competition

- Prizes** will be awarded to **students who make the most percentage growth** on their grade level course goal.
- There will be **an additional big prize to anyone who reaches 100% course mastery** by the assigned date!

Looking for Missions? You can keep working on the **6th grade Mission** until June 2020.

See the next page for details of how to log in and get started!

Clever.com Portal

Single sign on. Sign into this website and it automatically will sign you in to others.

Navigate to: **CLEVER.COM**

THEN CLICK HERE

LOGIN PROCESS

Use your BCPSS Login Information to sign in.

BCPSS Login Information

User: studentID#@bcps.org

Password: CSstudent19

VIEW RESOURCES

If you click on these resources **within Clever** – it will take you directly there *and login you in automatically!* Click the heart them to add them to your favorites!

Favorite resources

MATH 6

APRIL

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Daily Schedule:</p> <ul style="list-style-type: none"> <input type="checkbox"/> 15-20 min: Warm Up <input type="checkbox"/> 20-25min: Assigned Khan Academy Tasks ("Active" Assignments) 	<p>30</p> <p>Hello!</p> <p>Sending you all a virtual hug and hope you are well! Looking forward to connecting!</p>	<p>31</p>	<p>1</p> <ul style="list-style-type: none"> <input type="checkbox"/> Text Mrs. Jones a picture of something that brings you joy! I'll text one back! <p>443-390-6673</p>	<p>2</p>	<p>3</p> <ul style="list-style-type: none"> <input type="checkbox"/> Finish March packet <input type="checkbox"/> Finish Khan Academy "Past" tasks assigned due by March 29th 	<p>4</p> 
<p>5</p> <p>Week 1:</p> <p>Negatives and Properties of Numbers</p>	<p>6</p> <ul style="list-style-type: none"> <input type="checkbox"/> Warm Up #21 – Mon <input type="checkbox"/> Interpreting negative numbers <input type="checkbox"/> Negative numbers on the number line <input type="checkbox"/> Negative decimals on the number line <input type="checkbox"/> Rational numbers on the number line 	<p>7</p> <ul style="list-style-type: none"> <input type="checkbox"/> Warm Up #21 – Tues <input type="checkbox"/> Number opposites <input type="checkbox"/> Ordering small negative numbers <input type="checkbox"/> Ordering negative numbers <input type="checkbox"/> Compare rational numbers <input type="checkbox"/> Negative numbers, variables, number line 	<p>8</p> <ul style="list-style-type: none"> <input type="checkbox"/> Warm Up #21 – Wed <input type="checkbox"/> Writing numerical inequalities <input type="checkbox"/> Negative symbol as opposite <input type="checkbox"/> Number opposites challenge <input type="checkbox"/> Finding absolute values <input type="checkbox"/> Compare and order absolute values <input type="checkbox"/> Interpreting absolute value 	<p>9</p> <ul style="list-style-type: none"> <input type="checkbox"/> Warm Up #21 – Thurs <input type="checkbox"/> Points on the coordinate plane <input type="checkbox"/> Quadrants on the coordinate plane <input type="checkbox"/> Distance between points: vertical or horizontal <input type="checkbox"/> Coordinate plane problems in all quadrants 	<p>10</p> <ul style="list-style-type: none"> <input type="checkbox"/> Spend 15-20 min on Khan mastery challenge <input type="checkbox"/> Least Common Multiple <input type="checkbox"/> Greatest Common Factor <input type="checkbox"/> Factor with the distributive property <input type="checkbox"/> GCF & LCM word problems 	<p>11</p> <p>Reminder:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Assignments are "due" weekly by Friday at 10pm. This is to help keep you on track and... ..to make sure you enjoy your weekends! <p><u>Finish early?</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Use your remaining daily work time to work on the mastery challenge so you can be a prize winner!
<p>12</p> <p>Week 2:</p> <p>Equations and Inequalities</p>	<p>13</p> <ul style="list-style-type: none"> <input type="checkbox"/> Warm Up #22 – Mon <input type="checkbox"/> Identify equations, expressions, & inequalities <input type="checkbox"/> Testing solutions to equations <input type="checkbox"/> Identify equations from visual models (tape diagrams) <input type="checkbox"/> Identify equations from visual models (hanger diagrams) 	<p>14</p> <ul style="list-style-type: none"> <input type="checkbox"/> Warm Up #22 – Tues <input type="checkbox"/> Solve equations from visual models <input type="checkbox"/> One-step addition & subtractions equations <input type="checkbox"/> One-step addition & subtractions equations: fractions & decimals <input type="checkbox"/> One-step multiplication & division equations 	<p>15</p> <ul style="list-style-type: none"> <input type="checkbox"/> Warm Up #22 – Wed <input type="checkbox"/> One-step multiplication & division equations: fractions & decimals <input type="checkbox"/> Find the mistake in one-step equations <input type="checkbox"/> Translate one-step equations and solve <input type="checkbox"/> Model with one-step equations 	<p>16</p> <ul style="list-style-type: none"> <input type="checkbox"/> Warm Up #22 –Thurs <input type="checkbox"/> Model with one-step equations and solve <input type="checkbox"/> Testing solutions to inequalities (basic) <input type="checkbox"/> Graphing basic inequalities <input type="checkbox"/> Inequality from graph <input type="checkbox"/> Plotting inequalities <input type="checkbox"/> Inequalities word problems 	<p>17</p> <ul style="list-style-type: none"> <input type="checkbox"/> Spend 15-20 min on Khan mastery challenge <input type="checkbox"/> Independent versus dependent variables <input type="checkbox"/> Tables from equations with 2 variables <input type="checkbox"/> Match equations to coordinates on a graph <input type="checkbox"/> Relationships between quantities in equations and graphs 	<p>18</p> <p>Tip #1</p> <ul style="list-style-type: none"> <input type="checkbox"/> Check off, mark through, or highlight each item as you complete it! <p>Tip #2</p> <ul style="list-style-type: none"> <input type="checkbox"/> On phones, scroll to the right to see scores assignment due dates. <p>Tip #3</p> <ul style="list-style-type: none"> <input type="checkbox"/> If you miss a day, you can access your past assignments by clicking "Past" instead of "Active" above your assignment list.

<p>Week3: Variables and Expressions + Geometry vocabulary basics</p>	<p>19</p> <p>20</p> <ul style="list-style-type: none"> <input type="checkbox"/> Warm Up #23 – Mon <input type="checkbox"/> Parts of algebraic expressions <input type="checkbox"/> Evaluating expressions with one variable <input type="checkbox"/> Variable expressions with exponents <input type="checkbox"/> Evaluating expressions with multiple variables <input type="checkbox"/> Evaluating expressions with multiple variables: fractions & decimals 	<p>21</p> <p>22</p> <ul style="list-style-type: none"> <input type="checkbox"/> Warm Up #23 – Tues <input type="checkbox"/> Expression value intuition <input type="checkbox"/> Evaluating expressions with variables word problems <input type="checkbox"/> Writing basic expressions with variables <input type="checkbox"/> Writing expressions with variables <input type="checkbox"/> Writing basic expressions word problems 	<p>22</p> <p>23</p> <ul style="list-style-type: none"> <input type="checkbox"/> Warm Up #23 – Wed <input type="checkbox"/> Distributive property with variables <input type="checkbox"/> Create equivalent expressions by factoring <input type="checkbox"/> Factoring with distributive property (variables) <input type="checkbox"/> Combining like terms <input type="checkbox"/> Equivalent expressions <input type="checkbox"/> Identify quadrilaterals(3) <input type="checkbox"/> Analyze quadrilaterals(3) 	<p>23</p> <p>24</p> <ul style="list-style-type: none"> <input type="checkbox"/> Warm Up #23 – Thurs <input type="checkbox"/> Classify quadrilaterals(3) <input type="checkbox"/> Identify points, lines, line segments, rays, and angles(4) <input type="checkbox"/> Name angles(4) <input type="checkbox"/> Angle basics(4) <input type="checkbox"/> Angle types(4) <input type="checkbox"/> Recognize angles in figures(4) <input type="checkbox"/> Identify parallel and perpendicular lines(4) 	<p>24</p> <p>25</p> <ul style="list-style-type: none"> <input type="checkbox"/> Spend 15-20 min on Khan mastery challenge <input type="checkbox"/> Draw parallel and perpendicular lines(4) <input type="checkbox"/> Classify triangles by angles(4) <input type="checkbox"/> Classify triangles by side lengths(4) <input type="checkbox"/> Classify triangles by both sides and angles(4) <input type="checkbox"/> Classify shapes by line and angle types(4) <input type="checkbox"/> Identify line of symmetry(4) 	<p>25</p> <p><u>Tip #4</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> You can “Redo” any assignment on KhanAcademy to improve your score! <p><u>Tip #5</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Feel free to move at your own pace. If you complete all the work, message me for an advanced curriculum.
<p>Week4: Geometry area and perimeter</p>	<p>26</p> <p>27</p> <ul style="list-style-type: none"> <input type="checkbox"/> Warm Up #24 – Mon <input type="checkbox"/> Understand area(3) <input type="checkbox"/> Find area by counting unit squares(3) <input type="checkbox"/> Compare area with unit squares(3) <input type="checkbox"/> Create rectangle with a given area(3) <input type="checkbox"/> Area of rectangles with partial arrays(3) <input type="checkbox"/> Transition from unit squares to area formula(3) 	<p>28</p> <p>29</p> <ul style="list-style-type: none"> <input type="checkbox"/> Warm Up #24 – Tues <input type="checkbox"/> Area of rectangles(3) <input type="checkbox"/> Find a missing side length when given area(3) <input type="checkbox"/> Compare areas by multiplying(3) <input type="checkbox"/> Area and the distributive property(3) <input type="checkbox"/> Understand decomposing figures to find area(3) <input type="checkbox"/> Decompose figures to find area(3) 	<p>29</p> <p>30</p> <ul style="list-style-type: none"> <input type="checkbox"/> Warm Up #24 – Wed <input type="checkbox"/> Find perimeter by counting units(3) <input type="checkbox"/> Find perimeter when given side lengths(3) <input type="checkbox"/> Find a missing side length when given perimeter(3) <input type="checkbox"/> Find perimeters when a side length is missing(3) <input type="checkbox"/> Perimeter word problems(3) <input type="checkbox"/> Area and perimeter situations(3) 	<p>30</p> <p>1</p> <ul style="list-style-type: none"> <input type="checkbox"/> Warm Up #24 – Thurs <input type="checkbox"/> Compare area and perimeter(3) <input type="checkbox"/> Area and perimeter word problems(3) <input type="checkbox"/> Area of parallelograms <input type="checkbox"/> Find missing length when given area of a parallelogram <input type="checkbox"/> Find base and height of a triangle <input type="checkbox"/> Area of right triangles <input type="checkbox"/> Area of triangles 	<p>(We made it to May!). 1</p> <p>2</p> <ul style="list-style-type: none"> <input type="checkbox"/> Spend 15-20 min on Khan mastery challenge <input type="checkbox"/> Find missing length when given area of a triangle <input type="checkbox"/> Area of composite shapes <input type="checkbox"/> Area challenge <input type="checkbox"/> Drawing polygons with coordinates <input type="checkbox"/> Area & perimeter on the coordinate plane <input type="checkbox"/> Quadrilateral problems on the coordinate plane 	<p>2</p> <p><u>YOU DID IT!</u></p> <p><u>Happy weekend!</u></p> 

“Education is the passport to the future, for tomorrow belongs to those who prepare for it today.” – Malcom X

Name:

Weekly Math Review – Q2:7

Teacher:

Monday	Tuesday				
Find the quotient. $\frac{4}{7} \div 6 =$	Find the quotient. $39,204 \div 54$				
Find the difference. $7,299.04 - 238.4$	Find the product. 5.39×0.31				
Find the missing number of each unit rate. $\frac{21}{7} = \frac{?}{1}$ $\frac{72}{8} = \frac{?}{1}$	What is the GCF of 42 and 90? What is the LCM of 6 and 9?				
How many millimeters are there in 2 kilometers?	What percent of 128 is 96?				
What is the value of $8(2.3 + x)$ when $x = 7$?	Evaluate the expression. $7^2 + 3(5.2 - 2.8)$				
Write an equivalent expression for $3x + 12 + 7x + x$	Use the distributive property to create an equivalent expression to $7x + 56$				
What is the value of y ? Circle the correct answer. $43 - y = 17$ $y = 29$ $y = 26$	List 3 values that would make this inequality true. $4 + g \geq 9$ _____, _____, _____				
Jatonia sold n cups of lemonade at her stand for \$0.75 each. She made a total of \$18.00. Write an equation to express how many cups of lemonade she sold.	Tamara purchased 31 cases of tile to use on her bathroom floors. She used 17 cases in her upstairs bathroom and the rest in her downstairs bathroom. Write an equation to express how many cases she used in her downstairs bathroom.				
Solve $4.8 + n = 6.2$ <table border="1" data-bbox="123 1822 509 1927"> <tr> <td colspan="2" style="text-align: center;">6.2</td> </tr> <tr> <td style="text-align: center;">4.8</td> <td style="text-align: center;">n</td> </tr> </table>	6.2		4.8	n	Solve for x $x - 8 = 13$
6.2					
4.8	n				

Name:

Weekly Math Review – Q2:7

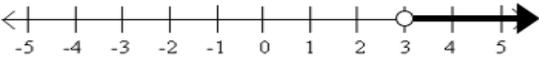
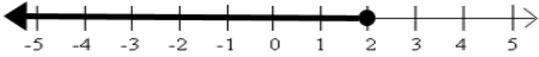
Teacher:

Wednesday	Thursday
<p>Find the quotient.</p> $\frac{3}{4} \div \frac{6}{7} =$	<p>Find the quotient.</p> $1,498 \div 30$
<p>Find the sum.</p> $4,399.1 + 48.028$	<p>Find the quotient.</p> $3.480 \div 0.29$
<p>After working for 6 hours, Kevin earned \$51.00. What is Kevin's unit rate?</p>	<p>Andy has 9 math books and 6 reading books. If he wants to distribute them evenly among some bookshelves so that each has the same combination of books, with none left over, what is the greatest number of bookshelves Andy can use?</p>
<p>Tony has 8 yards of fabric. How many inches does he have?</p>	<p>A toy that was originally \$35 is now marked down to \$28. What percentage was the toy marked down?</p>
<p>Jose worked n hours at \$8.75 per hour. He made a total of \$61.25. Write an expression that represents the total number of hours Jose worked.</p>	<p>Simplify the expression.</p> $24x + 32 + 4x + 3$ <p>What is the coefficient of x?</p> <p>What is the constant?</p>
<p>Write an equivalent expression for $88 + 16x + 8$</p> <p>If $x = 4$, is the solution to both expressions the same?</p>	<p>Are the two expressions equivalent when $x = 5$?</p> $9(4x + 2)$ $36x + 18$
<p>What is the value of x? Circle the correct answer.</p> $\frac{2}{3}x = 4$ <p style="text-align: center;">$x = 4$ $x = 6$</p>	<p>List 3 values that would make this inequality true.</p> $3n \leq 18$ <p style="text-align: center;">_____, _____, _____</p>
<p>Each day Marvin exercises for 48 minutes. How many days will it take him to exercise for 576 minutes?</p>	<p>It takes Walter n minutes to get to his friend's house. If he travels to his friend's house 8 days in a row, taking a total of 184 minutes, how many minutes did it take Walter each day?</p>
<p>Solve for h</p> $8h = 112$	<p>Jonathan worked at McDonalds 20 hours per week and earned \$195. Use the equation $20h = 195$ to find Jonathan's hourly wage.</p>

Name:

Weekly Math Review – Q2:8

Teacher:

Monday	Tuesday
Find the quotient. $12 \div \frac{2}{5} =$	Find the quotient. $28,275 \div 87$
Find the difference. $764.7 - 45.39$	Find the product. 48.2×0.39
Find the missing number of each unit rate. $\frac{45}{15} = \frac{?}{1}$ $\frac{27}{9} = \frac{?}{1}$	What is the GCF of 64 and 32? What is the LCM of 6 and 4?
How many milliliters are there in 4.5 liters?	What is 55% of 125?
What is the value of $3x^2 + 5x$ when $x = 3$?	Evaluate the expression. $3^3 + 3(4 + \frac{1}{3})$
What is the value of y ? Circle the correct answer. $62y = 434$ $y = 7$ $y = 5$	Use the distributive property to create an equivalent expression to $9x + 21$
Jackie made bracelets for 8 days. When he was done he had 96 bracelets. Write an equation to express how many bracelets Jackie made each day.	Cassie's book has 325 pages. She read 155 pages yesterday and the rest today. Write an equation to express how many pages she read today.
Solve for g $72 - g = 36$	Solve for x $67 = 18 + x$
Write the inequality this number line represents. 	Write the inequality this number line represents. 

Name:

Weekly Math Review – Q2:8

Teacher:

Wednesday	Thursday
<p>Find the quotient.</p> $\frac{5}{7} \div \frac{3}{4} =$	<p>Find the quotient.</p> $14,145 \div 23$
<p>Find the sum.</p> $543.09 + 18.208$	<p>Find the quotient.</p> $0.2124 \div 0.06$
<p>Alfred made 21 goals in 3.5 minutes. What is Alfred's unit rate?</p>	<p>A Party Store sells large plates in packs of 12 and small plates in packs of 8. In order to have an equal number of both, what is the least amount of large plate packs that would have to be purchased?</p>
<p>Emma ran 3.5 kilometers, while Grace ran 380 meters. Who ran further?</p>	<p>There are 28 students in math class, and 22 of the students passed a recent test. What percentage passed the test?</p>
<p>Amanda was 48 inches. She grew n inches last year and is now 56.5 inches. Write an expression that represents the number of inches Amanda grew.</p>	<p>Simplify the expression. $7y + 3x + 3 - 2y + 6$</p> <p>What is the coefficient of y?</p> <p>What is the constant?</p>
<p>List 3 values that would make this inequality true.</p> $2n \leq 6$ <p>_____, _____, _____</p>	<p>Are the two expressions equivalent when $x = 5$?</p> $7x + 3x$ $9x + 5$
<p>While preparing for a party, Luis spent 25 minutes blowing up 10 balloons. Write an equation to express how many minutes it took him to blow up one balloon.</p>	<p>It takes Johnny 42 minutes to get to the zoo. After 18 minutes he stopped to get gas for his car. Write an equation to express how many more minutes he had to travel after getting gas.</p>
<p>Solve for h</p> $12h = 180$	<p>Solve for x</p> $144 = 8x$
<p>Draw a number line to represent the street sign below.</p>  <p>←—————→</p>	<p>Every night, Nathan has to read for at least 25 minutes. Write an inequality that shows how long Nathan can read each night.</p>

Name:

Weekly Math Review – Q2:9

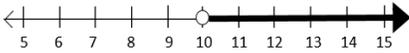
Teacher:

Monday	Tuesday																				
Find the quotient. $5 \div \frac{7}{8} =$	Find the quotient. $5,103 \div 54$																				
Find the difference. $387.04 - 128.8$	Find the product. 783.1×1.03																				
Find the missing number of each unit rate. $\frac{36}{3} = \frac{?}{1}$ $\frac{40}{8} = \frac{?}{1}$	What is the GCF of 50 and 75? What is the LCM of 9 and 7?																				
How many decimeters in 2 kilometers?	What percent of 80 is 56?																				
What is the value of $\frac{1}{3}x + 7x$, when $x = 5$?	Evaluate the expression. $8^2 + 3.8 - 10 \times 2$																				
List 3 values that would make this inequality true. $7 + x \leq 13$ _____, _____, _____	Write an equivalent expression for $7x + 4x + 3 - 1$																				
Solve for y $8.4 + y = 10.7$	Traveling from Atlanta, Georgia to Orlando, Florida is about 550 miles. Jen traveled 338 miles yesterday and the rest today. Write an equation to express how many miles she drove today.																				
Write the inequality this number line represents. 	Carter is playing a video game. He needs to score more than 100 points to move to the next level. Write an inequality to show how many points Carter needs to earn.																				
Find the rule. <table border="1" data-bbox="264 1717 646 1892"> <thead> <tr> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>6</td> </tr> <tr> <td>4</td> <td>12</td> </tr> <tr> <td>5</td> <td>15</td> </tr> <tr> <td>7</td> <td>21</td> </tr> </tbody> </table> Rule:	X	Y	2	6	4	12	5	15	7	21	Find the rule. Solve for n. <table border="1" data-bbox="992 1717 1369 1892"> <thead> <tr> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>6</td> </tr> <tr> <td>3</td> <td>8</td> </tr> <tr> <td>6</td> <td>n</td> </tr> <tr> <td>10</td> <td>15</td> </tr> </tbody> </table> Rule:	X	Y	1	6	3	8	6	n	10	15
X	Y																				
2	6																				
4	12																				
5	15																				
7	21																				
X	Y																				
1	6																				
3	8																				
6	n																				
10	15																				

Name:

Weekly Math Review – Q2:9

Teacher:

Wednesday	Thursday										
<p>Find the quotient.</p> $\frac{4}{10} \div \frac{3}{5} =$	<p>Find the quotient.</p> $24,358 \div 38$										
<p>Find the sum.</p> $4,390.44 + 8.399$	<p>Find the quotient.</p> $5.886 \div 0.09$										
<p>A pizza maker can make 8 pizzas in 12 minutes. What is the pizza maker's unit rate?</p>	<p>Isaac has 21 green marbles and 7 blue marbles. He wants to place them in identical groups without any marbles left over. What is the greatest number of groups Isaac can make?</p>										
<p>Kenny is 5 feet 5 inches while Lamar is 67 inches. Who is taller?</p>	<p>80% of the 6th graders at Harrison Middle School are going on a field trip to the museum. There are 685 students in 6th grade. How many students are going on the field trip?</p>										
<p>Jonathan had 28 papers in his desk. His teacher gave him n more papers. Write an expression that represents the number of papers Jonathan has now.</p>	<p>Simplify the expression. $36 + 18x$</p> <p>What is the coefficient of x?</p> <p>What is the constant?</p>										
<p>List 3 values that would make this inequality true.</p> $10 \geq 2n$ <p>_____, _____, _____</p>	<p>Are the two expressions equivalent when $x = 3$?</p> $8x + 40$ $5(2x + 8)$										
<p>Solve for r</p> $108 = 9r$	<p>The United States won 63 gold medals at the Olympics. 12 of those were in swimming. Write an equation to express how many medals were won in sports other than swimming.</p>										
<p>Write the inequality this number line represents.</p> 	<p>To stay healthy, Kevin's doctor says he should try to consume at most 2,000 calories a day. Write an inequality to show the amount of calories Kevin should consume.</p>										
<p>Find the rule. Solve for n.</p> <table border="1" data-bbox="256 1726 652 1898"> <tbody> <tr> <td>X</td> <td>Y</td> </tr> <tr> <td>3</td> <td>7</td> </tr> <tr> <td>4</td> <td>9</td> </tr> <tr> <td>6</td> <td>n</td> </tr> <tr> <td>8</td> <td>17</td> </tr> </tbody> </table> <p>Rule:</p>	X	Y	3	7	4	9	6	n	8	17	<p>Ruth is making lemonade. For 1 cup of water she uses 3 lemons, for 2 cups 6 lemons, etc. If this pattern continues, how many lemons will she need for 10 cups of water?</p>
X	Y										
3	7										
4	9										
6	n										
8	17										

Name:

Weekly Math Review – Q3:1

Teacher:

Monday**Tuesday**

There are 18 cupcakes. How many $\frac{3}{4}$ size servings can you make?

Find the quotient.

$$27,006 \div 42$$

Find the difference.

$$83,456 - 728.88$$

Find the product.

$$28.2 \times 7.8$$

Write the ratio in simplest form.

8:2

The ratio of pencils to erasers is 4:1. If there are 20 pencils, how many erasers are there?

Aria drank 500 milliliters of water after her run. Her best friend, Andrea, drank 0.75 liter of water. Who drank more?

What is 38% of 250?

What is the value of

$$7.5(3x + 4), \text{ when } x = 7?$$

Evaluate the expression.

$$2^3 \left[\frac{1}{4} + 4(36 \div 12) \right]$$

List 3 values that would make this inequality true.

$$28 + x > 42$$

_____, _____, _____

Write an equivalent expression for

$$8 + 7y + 2x + 4y + 4$$

Carla, the baker, worked for 5 hours to make cookies. She ended with 380 cookies altogether. Write an equation to express how many cookies Carla made each hour.

To pass this year's math class, Miriam needs to earn at least an 82%. Write an inequality that shows the scores Miriam could get to pass her math class.

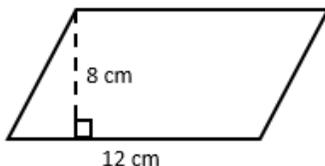
Every hour of driving uses 3 gallons of gas. Use a table to find how many gallons of gas would be used if driving for 15 hours.

Find the rule. Solve for n.

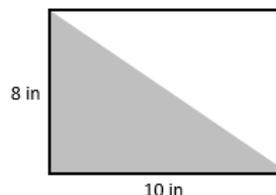
X	Y
4	3
6	5
7	6
10	n

Rule:

Find the area of the parallelogram below.



Find the area of the shaded region.



Name:

Weekly Math Review – Q3:1

Teacher:

Wednesday

Find the quotient.

$$\frac{7}{12} \div \frac{2}{5} =$$

Find the sum.

$$178,399.2 + 45.38$$

Kerion has a beaded necklace business. She can make 12 necklaces in 2 hours. How long will it take her to make 9 necklaces?

How many decameters are there in 4.5 kilometers?

Naomi has 45 minutes to get ready for school. She spends x minutes getting dressed. Write an expression that represents the number of minutes she still has to get ready.

List 3 values that would make this inequality true.

$$65 < 15x$$

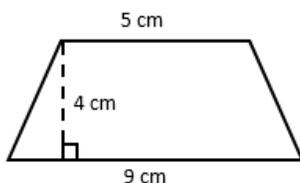
_____, _____, _____

Solve for y

$$y - 13 = 8$$

Martha made 3 birthday cards and she wants to make more. If she makes 5 cards an hour, how many cards will she have after 6 hours?

Find the area of the trapezoid.

**Thursday**

Find the quotient.

$$87,432 \div 24$$

Find the quotient.

$$9.095 \div 0.17$$

A bag of 8 apples costs \$2.88. What is the cost of one apple?

There are 160 boys and girls playing in the soccer tournament. 32 of the students are wearing orange. What percent of the players are wearing orange?

What is the value of

$$3x^2 + 5x + 25, \text{ when } x = 3$$

Are the two expressions equivalent when $x = 20$?

$$8(12x + 4)$$

$$96x + 32$$

Draw a number line to represent the inequality.

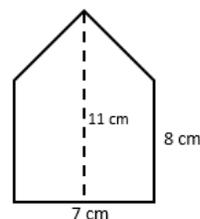
$$8 \geq x$$

Find the rule. Solve for n .

X	Y
5	10
6	12
7	14
n	20

Rule:

Find the area.



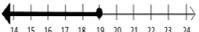
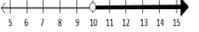
Answer Key - Weekly Math Review – Q2:7

Monday	Tuesday	Wednesday	Thursday
Find the quotient. $\frac{4}{7} \div 6 = \frac{2}{21}$	Find the quotient. $39,204 \div 54 = 726$	Find the quotient. $\frac{3}{4} \div \frac{6}{7} = \frac{7}{8}$	Find the quotient. $1,498 \div 30 = 49.9\bar{3}$
Find the difference. $7,299.04 - 238.4 = 7,060.64$	Find the product. $5.39 \times 0.31 = 1.6709$	Find the sum. $4,399.1 + 48.028 = 4,447.128$	Find the quotient. $3.480 \div 0.29 = 12$
Find the missing number of each unit rate. $\frac{21}{7} = \frac{3}{1}$, $\frac{72}{8} = \frac{9}{1}$	What is the GCF of 42 and 90? 6 What is the LCM of 6 and 9? 18	After working for 6 hours, Kevin earned \$51.00. What is Kevin's unit rate? \$8.50	Andy has 9 math books and 6 reading books. If he wants to distribute them evenly among some bookshelves so that each has the same combination of books, with none left over, what is the greatest number of bookshelves Andy can use? 3
How many millimeters are there in 2 kilometers? 2,000,000	What percent of 128 is 96? 75%	Tony has 8 yards of fabric. How many inches does he have? 288	A toy that was originally \$35 is now marked down to \$28. What percentage was the toy marked down? 20%
What is the value of $8(2.3 + x)$ when $x = 7$? 74.4	Evaluate the expression. $7^2 + 3(5.2 - 2.8) = 56.2$	Jose worked n hours at \$ 8.75 per hour. He made a total of \$61.25. Write an expression that represents the total number of hours Jose worked. $8.75n = 61.25$	Simplify the expression. $24x + 32 + 4x + 3 = 28x + 35$ $7(4x + 5)$ What is the coefficient of x ? 28 or 4 What is the constant? 35
Write an equivalent expression for $3x + 12 + 7x + x$ $11x + 12$	Use the distributive property to create an equivalent expression to $7x + 56$ $7(x + 8)$	Write an equivalent expression for $88 + 16x + 8$ $16x + 96$ $16(x + 6)$ Yes If $x = 4$, is the solution to both expressions the same?	Are the two expressions equivalent when $x = 5$? Yes $9(4x + 2) = 36x + 18$
What is the value of y ? Circle the correct answer. $43 - y = 17$ $y = 29$ $y = 26$	List 3 values that would make this inequality true. $4 + g \geq 9$ $5, 6, 7$ $g \geq 5$	What is the value of x ? Circle the correct answer. $\frac{2}{3}x = 4$ $x = 4$ $x = 6$	List 3 values that would make this inequality true. $3n \leq 18$ $4, 5, 6$ $n \leq 6$
Jatonia sold n cups of lemonade at her stand for \$0.75 each. She made a total of \$18.00. Write an equation to express how many cups of lemonade she sold. $0.75n = 18$ $n=24$	Tamara purchased 31 cases of tile to use on her bathroom floors. She used 17 cases in her upstairs bathroom and the rest in her downstairs bathroom. Write an equation to express how many cases she used in her downstairs bathroom. $17 + t = 31$ $t = 14$	Each day Marvin exercises for 48 minutes. How many days will it take him to exercise for 576 minutes? $48n = 576$ $n=12$	It takes Walter n minutes to get to his friend's house. If he travels to his friend's house 8 days in a row, taking a total of 184 minutes, how many minutes did it take Walter each day? $8n = 184$ $n = 23$
Solve $4.8 + n = 6.2$ $n = 1.4$	Solve for x $x - 8 = 13$ $x = 21$	Solve for h $8h = 112$ $h = 14$	Jonathan worked at McDonalds 20 hours per week and earned \$195. Use the equation $20h = 195$ to find Jonathan's hourly wage. $\\$9.75$

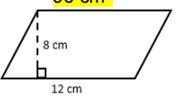
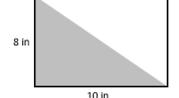
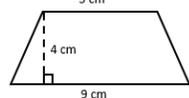
Answer Key - Weekly Math Review – Q2:8

Monday	Tuesday	Wednesday	Thursday
Find the quotient. $12 \div \frac{2}{5} = 30$	Find the quotient. $28,275 \div 87 = 325$	Find the quotient. $\frac{5}{7} \div \frac{3}{4} = \frac{20}{21}$	Find the quotient. $14,145 \div 23 = 615$
Find the difference. $764.7 - 45.39 = 719.31$	Find the product. $48.2 \times 0.39 = 18.798$	Find the sum. $543.09 + 18.208 = 561.298$	Find the quotient. $0.2124 \div 0.06 = 3.54$
Find the missing number of each unit rate. $\frac{45}{15} = \frac{3}{1}$, $\frac{27}{9} = \frac{3}{1}$	What is the GCF of 64 and 32? 32 What is the LCM of 6 and 4? 12	Alfred made 21 goals in 3.5 minutes. What is Alfred's unit rate? 6 goals/minute	A Party Store sells large plates in packs of 12 and small plates in packs of 8. In order to have an equal number of both, what is the least amount of large plate packs that would have to be purchased? 2
How many milliliters are there in 4.5 liters? 4,500	What is 55% of 125? 68.75	Emma ran 3.5 kilometers, while Grace ran 380 meters. Who ran further? Emma	There are 28 students in math class, and 22 of the students passed a recent test. What percentage passed the test? 78.6%
What is the value of $3x^2 + 5x$ when $x = 3$? 42	Evaluate the expression. $3^3 + 3(4 + \frac{1}{3}) = 40$	Amanda was 48 inches. She grew n inches last year and is now 56.5 inches. Write an expression that represents the number of inches Amanda grew. $48 + n = 56.5$	Simplify the expression. $7y + 3x + 3 - 2y + 6 = 5y + 3x + 9$ What is the coefficient of y ? 5 What is the constant? 9
What is the value of y ? Circle the correct answer. $62y = 434$ $y = 7$ $y = 5$	Use the distributive property to create an equivalent expression to $9x + 21$ $3(3x + 7)$	List 3 values that would make this inequality true. $2n \leq 6$ $1, 2, 3$	Are the two expressions equivalent when $x = 5$? Yes $7x + 3x = 9x + 5$
Jackie made bracelets for 8 days. When he was done he had 96 bracelets. Write an equation to express how many bracelets Jackie made each day. $8b = 96$	Cassie's book has 325 pages. She read 155 pages yesterday and the rest today. Write an equation to express how many pages she read today. $155 + p = 325$	While preparing for a party, Luis spent 25 minutes blowing up 10 balloons. Write an equation to express how many minutes it took him to blow up one balloon. $10b = 25$	It takes Johnny 42 minutes to get to the zoo. After 18 minutes he stopped to get gas for his car. Write an equation to express how many more minutes he had to travel after getting gas. $18 + t = 42$
Solve for g $72 - g = 36$ $g = 36$	Solve for x $67 = 18 + x$ 49	Solve for h $12h = 180$ 15	Solve for x $144 = 8x$ 18
Write the inequality this number line represents. $x > 3$	Write the inequality this number line represents. $x \leq 2$	Draw a number line to represent the street sign below. $r \geq 25$	Every night, Nathan has to read for at least 25 minutes. Write an inequality that shows how long Nathan can read each night. $r \geq 25$

Answer Key - Weekly Math Review – Q2:9

Monday	Tuesday	Wednesday	Thursday																														
Find the quotient. $5 \div \frac{7}{8} = 5 \frac{15}{7}$	Find the quotient. $5,103 \div 54 = 94.5$	Find the quotient. $\frac{4}{10} \div \frac{3}{5} = \frac{2}{3}$	Find the quotient. $24,358 \div 38 = 641$																														
Find the difference. $387.04 - 128.8 = 258.24$	Find the product. $783.1 \times 1.03 = 806.593$	Find the sum. $4,390.44 + 8.399 = 4,398.839$	Find the quotient. $5.886 \div 0.09 = 65.4$																														
Find the missing number of each unit rate. $\frac{36}{3} = \frac{12}{1} \quad \frac{40}{8} = \frac{5}{1}$	What is the GCF of 50 and 75? 25 What is the LCM of 9 and 7? 63	A pizza maker can make 8 pizzas in 12 minutes. What is the pizza maker's unit rate? 1.5 minutes	Isaac has 21 green marbles and 7 blue marbles. He wants to place them in identical groups without any marbles left over. What is the greatest number of groups Isaac can make? 7																														
How many decimeters in 2 kilometers? 20,000	What percent of 80 is 56? 70%	Kenny is 5 feet 5 inches while Lamar is 67 inches. Who is taller? Lamar	80% of the 6 th graders at Harrison Middle School are going on a field trip to the museum. There are 685 students in 6 th grade. How many students are going on the field trip? 548																														
What is the value of $\frac{1}{3}x + 7x$, when $x = 5$? $36 \frac{2}{3}$	Evaluate the expression. $8^2 + 3.8 - 10 \times 2 = 47.8$	Jonathan had 28 papers in his desk. His teacher gave him n more papers. Write an expression that represents the number of papers Jonathan has now. $28 + n$	Write an equivalent expression using the Distributive Property. $36 + 18x$ Answers may vary $6(6+3x)$ What is the coefficient of x? 3 What is the constant? 6																														
List 3 values that would make this inequality true. $7 + x \leq 13$ 4, 5, 6	Write an equivalent expression for $7x + 4x + 3 - 1$ $11x + 2$	List 3 values that would make this inequality true. $10 \geq 2n$ 3, 4, 5	Are the two expressions equivalent when $x = 3$? No $8x + 40 = 64$ $5(2x + 8) = 70$																														
Solve for y $8.4 + y = 10.7$ $y = 2.3$	Traveling from Atlanta, Georgia to Orlando, Florida is about 550 miles. Jen traveled 338 miles yesterday and the rest today. Write an equation to express how many miles she drove today. $338 + m = 550$	Solve for r $108 = 9r$ $r = 12$	The United States won 63 gold medals at the Olympics. 12 of those were in swimming. Write an equation to express how many medals were won in sports other than swimming. $12 + m = 63$																														
Write the inequality this number line represents. $x \leq 19$ 	Carter is playing a video game. He needs to score more than 100 points to move to the next level. Write an inequality to show how many points Carter needs to earn. $x > 100$	Write the inequality this number line represents. $x > 10$ 	To stay healthy, Kevin's doctor says he should try to consume at most 2,000 calories a day. Write an inequality to show the amount of calories Kevin should consume. $x \leq 2,000$																														
Find the rule. <table border="1" data-bbox="126 1242 325 1339"> <tr><td>X</td><td>Y</td></tr> <tr><td>2</td><td>6</td></tr> <tr><td>4</td><td>12</td></tr> <tr><td>5</td><td>15</td></tr> <tr><td>7</td><td>21</td></tr> </table> Rule: $3x$	X	Y	2	6	4	12	5	15	7	21	Find the rule. Solve for n. <table border="1" data-bbox="346 1242 546 1339"> <tr><td>X</td><td>Y</td></tr> <tr><td>1</td><td>6</td></tr> <tr><td>3</td><td>8</td></tr> <tr><td>6</td><td>n</td></tr> <tr><td>10</td><td>15</td></tr> </table> Rule: $x + 5$ $n = 11$	X	Y	1	6	3	8	6	n	10	15	Find the rule. Solve for n. <table border="1" data-bbox="567 1242 766 1339"> <tr><td>X</td><td>Y</td></tr> <tr><td>3</td><td>7</td></tr> <tr><td>4</td><td>9</td></tr> <tr><td>6</td><td>n</td></tr> <tr><td>8</td><td>17</td></tr> </table> Rule: $2x + 1$ $n = 13$	X	Y	3	7	4	9	6	n	8	17	Ruth is making lemonade. For 1 cup of water she uses 3 lemons, for 2 cups 6 lemons, etc. If this pattern continues, how many lemons will she need for 10 cups of water? 30
X	Y																																
2	6																																
4	12																																
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7	21																																
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Answer Key - Weekly Math Review – Q3:1

Monday	Tuesday	Wednesday	Thursday																				
There are 18 cupcakes. How many $\frac{3}{4}$ size servings can you make? 24	Find the quotient. $27,006 \div 42 = 643$	Find the quotient. $\frac{7}{12} \div \frac{2}{5} = 1 \frac{11}{24}$	Find the quotient. $87,432 \div 24 = 3643$																				
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Write the ratio in simplest form. 8:2 4:1	The ratio of pencils to erasers is 4:1. If there are 20 pencils, how many erasers are there? 5	Kerion has a beaded necklace business. She can make 12 necklaces in 2 hours. How long will it take her to make 9 necklaces? 1 hour 30 minutes, or 90 minutes	A bag of 8 apples costs \$2.88. What is the cost of one apple? \$0.36																				
Aria drank 500 milliliters of water after her run. Her best friend, Andrea, drank 0.75 liter of water. Who drank more? Andrea	What is 38% of 250? 95	How many decimeters are there in 4.5 kilometers? 450	There are 160 boys and girls playing in the soccer tournament. 32 of the students are wearing orange. What percent of the players are wearing orange? 20																				
What is the value of $7.5(3x + 4)$, when $x = 7$? 187.5	Evaluate the expression. $2^3 \left[\frac{1}{4} + 4(36 \div 12) \right] = 98$	Naomi has 45 minutes to get ready for school. She spends x minutes getting dressed. Write an expression that represents the number of minutes she still has to get ready. $45 - x$	What is the value of $3x^2 + 5x + 25$, when $x = 3$? 67																				
List 3 values that would make this inequality true. $28 + x > 42$ _____, _____, _____ Any value above 14	Write an equivalent expression for $8 + 7y + 2x + 4y + 4 = 2x + 11y + 12$	List 3 values that would make this inequality true. $65 < 15x$ _____, _____, _____ Any value above 4.3	Are the two expressions equivalent when $x = 20$? Yes $8(12x + 4) = 1,952$ $96x + 32 = 1,952$																				
Carla, the baker, worked for 5 hours to make cookies. She made 380 cookies altogether. Write an equation to express how many cookies Carla made each hour. $380 \div 5 = c$	To pass this year's math class, Miriam needs to earn at least an 82%. Write an inequality that shows the scores Miriam could get to pass her math class. $x \geq 82$	Solve for y $y - 13 = 8$ $y = 21$	Draw a number line to represent the inequality. $8 \geq x$ 																				
Every hour of driving uses 3 gallons of gas. Use a table to find how many gallons of gas would be used if driving for 15 hours. 45	Find the rule. Solve for n. <table border="1" data-bbox="1344 1096 1543 1193"> <tr><td>X</td><td>Y</td></tr> <tr><td>4</td><td>3</td></tr> <tr><td>6</td><td>5</td></tr> <tr><td>7</td><td>6</td></tr> <tr><td>10</td><td>9</td></tr> </table> Rule: $n = x - 1$	X	Y	4	3	6	5	7	6	10	9	Martha made 3 birthday cards and she wants to make more. If she makes 5 cards an hour, how many cards will she have after 6 hours? 33: Don't forget she started with 3	Find the rule. Solve for n. <table border="1" data-bbox="1774 1096 1974 1193"> <tr><td>X</td><td>Y</td></tr> <tr><td>5</td><td>10</td></tr> <tr><td>6</td><td>12</td></tr> <tr><td>7</td><td>14</td></tr> <tr><td>10</td><td>20</td></tr> </table> Rule: $n = 2x$	X	Y	5	10	6	12	7	14	10	20
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Find the area of the parallelogram below. 96 cm ² 	Find the area of the shaded region. 40 in ² 	Find the area of the trapezoid. 28 cm ² 	Find the area. 66.5 cm ² 