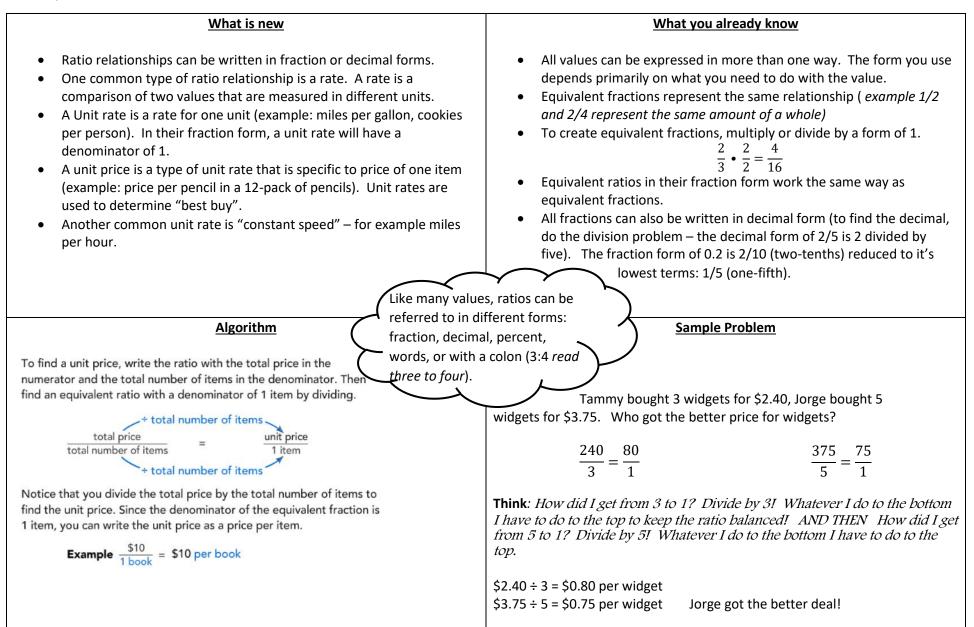
	Check when	
	done	
	$\checkmark$	Math Assignments for this week
15 total practice problems for		15 total practice problems focused on the content focus for the week (problems can come from the Digits practice and Close-and-Checks OR from practice
	$\bigcirc$	work done in the Khan Academy lessons – copied onto paper). Must show ALL steps in getting to the solution.
		30 Prodigy problems if possible – or, if no internet access, 20 student-created problems with their answers and work. If doing the student-created problems, these need to be mixed types of problems, focusing on the standards we have done this year. As an example, there should be division problems, fractions
	$\bigcirc$	problems, decimal problems, and algebraic expressions and equations. Hint: Use your math notebook to get ideas about what sorts of problems to include, then make up some of your own. Every step must be shown in your work.
	$\bigcirc$	One Mixed Review "quiz" – the goal of this quiz each week will be to help you know where you still need practice. I will make up the quiz each week and send it via your student email (I will also send it in the family email on Thursdays). The "Quiz" will frequently include at least one reflection question that may require that you play games that I will send in email.

Content Focus and	Goals for the Practice	Tasks	Check-in and support	Turning in the Work
Materials			opportunities	
Ratios and Rates	By the end of the week,	15 concept practice exercises	Video/phone office hours:	Hard copy work may be
	students will:	Digits 10-4, 10-5 and 11-1, 11-2, 11-3,	Monday – Thursday:	delivered to Freiler according to
1)Digits workbooks lessons	Understand that ratios	<b>OR</b> Khan Academy: Intro to Ratios,	9:00 AM – 10:30 AM or	the established calendar.
10-4, 10-5, 11-1, 11-2, 11-3	can be referred	Equivalent Ratios, and Visualize Ratios	4:45 PM – 5:15 PM	
OR	to/written in multiple	(15 points)		On-line work is due no later
Khan Academy, 6 <sup>th</sup> grade,	ways, and be able to	*if doing Khan Academy or Digits on-	Friday: 9-10:30 and 12:12:30	than 2:30 PM Friday.
ratio application and intro to	"convert" from one	line practices, please copy the	"Lunch with your Teachers"	
rates	way to another	problems and your work and answers		Paper work may also be
	(fractions to decimals	onto paper and then send in.	or Digits on line	submitted via email
2)	or vice versa)		www.pearsonrealize.com	( <u>fmartin@tusd.net</u> ) by either
Prodigy <b>OR</b> student created	Use ratio relationships	30 correct Prodigy problems OR		scanning or taking a clear
problems	to solve problems	30 review practice problems that you	User name is: IDnumbertusd	picture of the work and
	involving unit rates	make up (these must illustrate		attaching to an email.
3)		practice of 6 <sup>th</sup> grade work). * <u>Hard</u>	Password is: digits56	
Mixed Review		copy work must show the problem		
		and each step in its solution. (10		
"Concept on a Page" notes		points)		
		Quiz – can be emailed or		
		written. Please do it without notes.		
		(15 points)		

Critical Notes on a Page guide for Week 2 – Ratios and Rates: use these notes to help you do the practice problems in the Close and Checks or on Khan Academy.



## Mixed Review Quiz #2 - SHOW ALL YOUR WORK

1.607 – 1.076 =	1456 ÷ 16	$2\frac{5}{6} \cdot 7\frac{4}{9}$
$16\frac{2}{3} - 3\frac{1}{6}$	If a rectangular garden area had an area of 34 square feet, and the length of one side was 5 feet, what is the length of the other side?	What is the greatest common factor of 24 and 46?
Write an algebraic expression to represent 13 more than an unknown number.	Simplify by combining like terms: 4y + 16x – 7 + 14 x + 3	Use commutative property to create an equivalent expression to: 3x+14+3y
Build a table to show how much school work you	u do on an average day.	

Check when					
done	Math Assignments for this week				
$\checkmark$	Wath Assignments for this week				
$\bigcirc$	15 total practice problems focused on the content focus for the week (problems can come from the Digits practice and Close-and-Checks <u>OR</u> from practice work done in the Khan Academy lessons – copied onto paper). <u>Must show ALL steps in getting to the solution</u> .				
$\bigcirc$	30 Prodigy problems if possible – or, if no internet access, 20 student-created problems with their answers and work. If doing the student-created problems, these need to be mixed types of problems, focusing on the standards we have done this year. As an example, there should be division problems, fractions problems, decimal problems, and algebraic expressions and equations. Hint: Use your math notebook to get ideas about what sorts of problems to include, then make up some of your own. <b>Every step must be shown in your work</b> .				
	One Mixed Review "quiz" – the goal of this quiz each week will be to help you know where you still need practice. I will make up the quiz each week and send				
	it via your student email (I will also send it in the family email on Thursdays). The "Quiz" will frequently include at least one reflection question that may require that you play games that I will send in email.				

## Plotting rates and percentages

Content Focus and	Goals for the Practice	Tasks	Check-in and support	Turning in the Work
Materials		Use check sheet above to track work	opportunities	
	By the end of the week,	15 concept practice exercises from	Video/phone office hours:	All work for weeks 3 and 4 is
Digits workbooks lessons	students will:	Digits <b>OR</b> Khan Academy: (15 points)	Monday – Thursday:	due 5/15 or sooner.
12-1, 12-2, 12-3, 12-4	<ul> <li>Show the</li> </ul>		9:00 AM – 10:30 AM or	
OR	relationship between	30 correct Prodigy problems OR 30	4:45 PM – 5:15 PM	Hard copy work may be
Khan Academy, 6 <sup>th</sup> grade,	ratios in graphs	review practice problems that you		delivered to Freiler at any
Intro to Percents,	and/or tables	make up (these must illustrate	Friday: 9-10:30 and	time during packet pick-up
Visualize Ratios,	<ul> <li>Calculate and solve</li> </ul>	practice of 6 <sup>th</sup> grade work). * <u>Hard</u>	12:12:30 "Lunch with your	on 5/15.
Percent/Decimal/Fraction	problems involving	copy work must show the problem	Teachers"	
Conversations, Ratio	rates	and each step in its solution. (10		If possible please turn on-
application	Calculate	points)	or <b>Digits</b> on line	line work in as it is finished.
	percentages		www.pearsonrealize.com	
"Concept on a Page"	Convert between the	Quiz – can be emailed or written.		Paper work may also be
notes	percentage, fraction	Please complete the quiz without	User name is:	submitted via email
	and decimal forms of	notes. (15 points)	IDnumbertusd	(fmartin@tusd.net ) by
	a quantity			either scanning or taking a
	. ,		Password is: digits56	clear picture of the work and
				attaching to an email.

## Critical Notes on a Page guide for Week 3 – Plotting Rates and intro to Percentages

<ul> <li>Ratios can be represented as points on a coordinate plane. Graphing ratios that are equivalent to a particular ratio forms a straight line that passes through the origin. The line contains all of the ratios that are equivalent.</li> <li>Proportional ratios are ratios that have the same relationship, they can be represented as equivalent ratios (they mean the same thing).</li> <li>A percent is a specialized ratio. It compares the number to 100. The symbol we use to represent percent is %. You can write a percent as a fraction with a denominator of 100 or in its decimal form.</li> </ul>	<ul> <li>Ratios can be expressed in multiple ways, including as a fraction or decimal.</li> <li>One type of specialized ratio is a rate.</li> <li>Fractions can be converted into a decimal form by performing the division (numerator divided by denominator)</li> <li>Decimals can be converted into a fractional form by saying the name of the decimal and then writing the fraction version of what you said (0.2 = "two tenths" = 2/10)</li> </ul>
A percent is three of matio	
A table can be used to model proportional relation-       type of ratio compariso         ships:       X       1       3       4       6       12         y       3       9       12       18       36       12         This same information could be modeled on a graph (with x going horizontally and y going vertically like it does with a quadrant plane).       %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	If 15/20 of the people at the soccer game were wearing hats, we could make an equivalent fraction to determine the percent: $\frac{15}{20} \cdot \frac{5}{5} = \frac{75}{100} \text{ or } 75\%$ OR if 18/25 of the people at the soccer game were wearing sunglasses, we
When comparing relationships, it can be easiest to show things in their percent forms to do the comparisons. For example, if at a soccer game, if 15 out of every 20 people in the stands were wearing sunglasses, and 18 out of every 25 people were wearing hats, and you wanted to know which was more popular, hats or sunglasses, you could determine the percent of people wearing each to make the comparison "fair".	could use the decimal to determine the percent (18 ÷25 = .72 or 72%) SO we can tell that hats were more popular than sunglasses (75% compared to 72%) %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

## Mixed Review Quiz #3

1568.112 ÷ 6.72 =	567.3 x 306	$3\frac{2}{5} \div 1\frac{1}{4}$
		5 4
X - 6.15 = 48.3	Find the area of a triangle with a base of 9 and	Draw a number line to show the possible
	a height of 7.2.	solution(s) for $x + 7 \ge 19$
You got 5 music downloads for \$4.75. Your	Simplify by combining like terms:	Use distributive property to write an
friend got 7 downloads for \$5.95. Which of	2x + 3z + 11x - 7 + y + 2z	equivalent expression to: 6(x + 2)
you got the better deal?		
Write 3 equivalent ratios to 3:7.		