



Name:

Weekly Math Review - Q1:8

Teacher:

Monday	Tuesday	Wednesday	Thursday
Simplify $\frac{3}{4}\left(-10 + \frac{2}{5}\right)$	A car drove at 43 miles per hour for 7 hours. How many miles are left if the entire trip is 400 miles?	If $\frac{2}{3}$ of the pie below is eaten, what fraction remains? 	Multiply the following $2\frac{1}{8} \cdot 16$
Convert $\frac{3}{11}$ to a decimal by long division.	Simplify: $\frac{6}{5} + 15.4$	Simplify: $7.8 \times \frac{9}{4}$	If you had $\frac{38}{12}$ dollars, how much money would that be in dollars and cents (rounded to the nearest penny)?
Solve the equation: $78 = 18 - 5y$	Janet drove 300 miles in 4.5 hours. Write an equation to find the rate at which she was traveling.	Solve the equation: $\frac{x}{6} + 12 = (-12)$	Solve the equation: $4(x - 2) = 12$
Circle the GCF of $24x^3$ and $14x^2y^2$. $24x^3: 3 \cdot 2 \cdot 2 \cdot 2 \cdot x \cdot x \cdot x$ $14x^2y^2: 7 \cdot 2 \cdot x \cdot x \cdot y \cdot y$	Circle the common factors of $12w$ and $15wz$. $6, 3w, 3xz, 12z,$ $3, z, 4w, w$	Find the GCF $8x$ and $22xy$.	Expand the following: $\frac{3}{7}(-21x - 49)$
Write an expression to represent the perimeter of the rectangle: $\frac{2}{3}x + 10$ 	In the rectangle to the left, if the perimeter was 90 inches, what would the value of x be?	In the rectangle to the left, what is the length of each side?	What algebraic property is demonstrated in the equation below? $5 + 3(2x - 7) = 5 + 6x - 21$
Solve: $2x + 6 - 10x = 30$	Solve: $\frac{k}{2} + 1 - 1k = -2k$	Solve: $4m - 4 - 8 = -2m + 12$	Solve: $39 - 3n = -6(4n - 3)$
If a woman making \$25 an hour gets a 10% raise, how much will she now make in an 8 hour work day?	If you want to place a $9\frac{3}{4}$ inch towel bar in the center of a door that is $27\frac{1}{2}$ wide, how much space will be on each side of the towel bar?	A living room wall is 11 feet long. How far from the corner would you have to the edge of a 2ft 6in shelf for it to be centered on the wall?	What would the total bill be of a painting that costs \$44.80 with a tax rate of 6%?
The walls of a square room need painting. Each of the four walls is 12ft wide by 8.5 feet tall. One gallon of paint covers 75ft^2 . How many gallons will you need?	A store is selling cookies for \$8 for 12 bags. How much will it cost if you want to buy 30 for your class?	A teacher let her students grade their math quizzes. <ul style="list-style-type: none"> • Jon wrote 13 of 18 • Jim wrote $.7$ • Joe reduced his to $\frac{5}{6}$ Who had the higher grade?	Which is cheaper for a \$56 item that costs \$9.25 to ship? A 15% coupon off the cost of the item or free shipping?