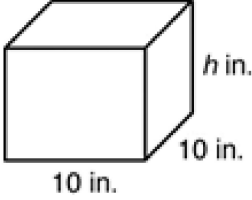
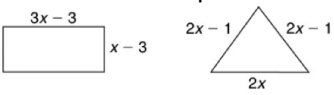


Name:

Weekly Math Review – Q1:5

Teacher:

Monday		Tuesday		Wednesday		Thursday										
Solve the equation for x . $\frac{x}{2} + \frac{3}{8} = 1$		Solve the equation for x . $\frac{x}{3} + \frac{2}{5} = \frac{1}{15}$				If the volume of this box was 750in^3 , what would the value of h have to be?										
Solve the equation for x $6x - 8 = 2 + 9x - 1$		Solve the equation for x $-x + 5 + 6x = 1 + 5x + 3$		If the height of this box was 10in, how man 2in cubes could fit inside this box?		If the surface area of this box was 680in^2 , what would the value of h have to be?										
<table border="1" data-bbox="110 646 446 756"> <thead> <tr> <th>Company</th> <th>\$ Per Shirt</th> <th>Shipping</th> </tr> </thead> <tbody> <tr> <td>Cool Shirts</td> <td>\$8.00</td> <td>\$13.00</td> </tr> <tr> <td>Total Tees</td> <td>\$7.50</td> <td>\$16.00</td> </tr> </tbody> </table>		Company	\$ Per Shirt	Shipping	Cool Shirts	\$8.00	\$13.00	Total Tees	\$7.50	\$16.00	How many shirts must be purchased so that the cost is the same at both companies?		What is that "break even" cost?		If a Cool Shirts offered a deal for free shipping, how many shirts would you need to purchase until the companies cost the same?	
Company	\$ Per Shirt	Shipping														
Cool Shirts	\$8.00	\$13.00														
Total Tees	\$7.50	\$16.00														
Solve the equation for x $3(x + 5) = x + 21$		Solve the equation for x $-2(-4 - 6x) = -10 + 3x$		Solve the equation for x $8 - 2(x - 5) = x - 3$		Solve the equation for x $3(x - 5) = x + 21$										
Find the x so that the shapes have the same perimeter. 		<table border="1" data-bbox="505 1094 786 1304"> <thead> <tr> <th>Gym</th> <th>Fees</th> </tr> </thead> <tbody> <tr> <td>Workout 24</td> <td>\$200 plus \$55 per month</td> </tr> <tr> <td>Your Gym</td> <td>\$50 plus \$60 per month</td> </tr> <tr> <td>Ultra Club</td> <td>\$20 plus \$65 per month</td> </tr> </tbody> </table>		Gym	Fees	Workout 24	\$200 plus \$55 per month	Your Gym	\$50 plus \$60 per month	Ultra Club	\$20 plus \$65 per month	After how many months will Workout 24 and your Gym cost the same?		Sam joined Workout 24 for fifteen months. How much did he pay total?		
Gym	Fees															
Workout 24	\$200 plus \$55 per month															
Your Gym	\$50 plus \$60 per month															
Ultra Club	\$20 plus \$65 per month															
Solve the equation $3x - 7y = -28$ for y .		Solve the equation for y . $y - 4 = \frac{1}{2}(x - 8)$		Solve the equation for y . $12x - 18y = 9$		Solve the equation for y . $y - 5 = \frac{3}{4}(x - 12)$										
Solve the equation $a + b - c = 180$ for c .		Solve $m = \frac{h-w}{8}$ for the variable h .		Solve $w = x + \frac{y}{z}$ for y .		The formula for the area of a triangle is $A = \frac{1}{2}bh$. Solve this equation for b .										
Solve the equation $P = \frac{KT}{V}$ for the letter K .		Solve the above equation for the variable w .		Solve the equation above for z .		Degrees Celsius and degrees Fahrenheit are related by $C = \frac{5}{9}(F - 32)$. What is F in terms of C ?										