	Using Units Rates with Fractions Name:							
Solve each problem. Answer as a mixed number (if possible).								
1)	A bucket of water was $\frac{1}{2}$ full, but it still had $\frac{2}{4}$ gallons of water in it. How much water would be in one fully filled bucket?	1						
2)	A water faucet leaked $3\frac{1}{5}$ liters of water over the course of $2\frac{1}{2}$ hours. How many liters would it have leaked after 5 hours?	2 3						
3)	A container with $2\frac{1}{5}$ gallons of weed killer can spray $3\frac{1}{2}$ lawns. How many gallons would it take to spray 2 lawns?	4.   5.						
4)	A cookie recipe called for $3\frac{4}{6}$ cups of sugar for every $\frac{5}{6}$ cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?	6.   7.						
5)	A printer cartridge with $3^2/_3$ milliliters of ink will print off $2^2/_3$ reams of paper. How many milliliters of ink will it take to print 3 reams?	8.   9.						
6)	A carpenter goes through $2^{2}/_{3}$ boxes of nails finishing $2^{2}/_{4}$ of a roof. How much would he use finishing the entire roof?	10						
7)	A bag with $3\frac{1}{3}$ quarts of peanuts can make $2\frac{2}{3}$ jars of peanut butter. How many quarts of peanuts would you need to make 8 jars?							
8)	It takes $2\frac{3}{6}$ spoons of chocolate syrup to make $\frac{1}{2}$ of a gallon of chocolate milk. How many spoons of syrup would it take to make 1 gallon of chocolate milk?							
<b>9</b> )	A chef had to fill up $2^{2}/_{3}$ containers with mashed potatoes. He ended up using $2^{1}/_{2}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up 5 containers?							
10)	It takes $2\frac{1}{2}$ kilometers of thread to make $3\frac{1}{2}$ boxes of shirts. How many kilometers of thread will it take to make 2 boxes?							
		1						

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Math

		swer Key							
Solve each problem. Answer as a mixed number (if possible).									
1)	A bucket of water was $\frac{1}{2}$ full, but it still had $\frac{2}{4}$ gallons of water in it. How much water would be in one fully filled bucket?	1. <u>5<sup>0</sup>/4</u>							
		2. <u>6<sup>10</sup>/25</u>							
2)	A water faucet leaked $3\frac{1}{5}$ liters of water over the course of $2\frac{1}{2}$ hours. How many liters would it have leaked after 5 hours?	3. <u>1<sup>9</sup>/35</u>							
		4. $4^{12}/_{30}$							
3)	A container with $2\frac{1}{5}$ gallons of weed killer can spray $3\frac{1}{2}$ lawns. How many gallons would it take to spray 2 lawns?	5. <u>4<sup>3</sup>/<sub>24</sub></u>							
		6. $\frac{5^2}{6}$							
4)	A cookie recipe called for $3\frac{4}{6}$ cups of sugar for every $\frac{5}{6}$ cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?	7. $10^{0}/_{24}$							
5)		8. <u>5/</u> 6							
5)	A printer cartridge with $3^2/_3$ milliliters of ink will print off $2^2/_3$ reams of paper. How many milliliters of ink will it take to print 3 reams?	9. $4^{11}/_{16}$							
6)	A carpenter goes through $2^2/_3$ boxes of nails finishing $2^4/_4$ of a roof. How much would he use finishing the entire roof?	10. <u>1<sup>9</sup>/<sub>14</sub></u>							
7)	A bag with $3\frac{1}{3}$ quarts of peanuts can make $2\frac{2}{3}$ jars of peanut butter. How many quarts of peanuts would you need to make 8 jars?								
8)	It takes $2\frac{3}{6}$ spoons of chocolate syrup to make $\frac{1}{2}$ of a gallon of chocolate milk. How many spoons of syrup would it take to make 1 gallon of chocolate milk?								
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10)	It takes $2\frac{1}{2}$ kilometers of thread to make $3\frac{1}{2}$ boxes of shirts. How many kilometers of thread will it take to make 2 boxes?								

Math

			its Rates with F		Name:						
Solve each problem. Answer as a mixed number (if possible).   Answers											
ſ	$4^{12}/_{30}$	1 <sup>9</sup> / <sub>35</sub>	$4^{11}/_{16}$	$6^{10}/_{25}$	$5^{0}/_{4}$						
	$4^{3}/_{24}$	$5^{2}/_{6}$	$10^{0}/_{24}$	$1^{6}/_{14}$	$5^{0}/_{6}$	1					
1)		tter was $\frac{1}{2}$ full, but filled bucket		llons of water in it. I	How much water	2					
2)	A water faucet would it have le	How many liters	4.   5.								
3)	A container wit it take to spray	nany gallons would	6.   7.								
4)		0		$\frac{5}{6}$ cup of flour. If ugar would you nee	-	8 9					
5)		dge with $3^2/_3$ millik will it take to pr		int off $2^{2/3}$ reams of	paper. How many	10					
6)	A carpenter goo use finishing th		xes of nails finishin	$g^{2}/_{4}$ of a roof. How	much would he						
7)	A bag with $3\frac{1}{3}$ peanuts would	ow many quarts of									
8)	0 -			a gallon of chocola n of chocolate milk							
9)		- 0	-	atoes. He ended up e if he had to fill up	• • •						
10)	=	ometers of thread ke to make 2 boxe	=	of shirts. How man	y kilometers of						