	Using Units Rates with Fractions Name:	
Solv	e each problem. Answer as a mixed number (if possible).	Answers
	It takes $3\frac{1}{2}$ gallons of water to fill up $3\frac{1}{2}$ containers. How much water would it take to fill 7 containers?	1
2)	A bike tire was $\frac{2}{5}$ full. It took a small air compressor $\frac{2}{6}$ seconds to fill it up. How long would it have taken to fill an empty tire?	2 3
3)	A cookie recipe called for $3\frac{3}{5}$ cups of sugar for every $\frac{3}{6}$ cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?	4.   5.
4)	It takes $2\frac{4}{6}$ kilometers of thread to make $3\frac{3}{5}$ boxes of shirts. How many kilometers of thread will it take to make 7 boxes?	6.   7.
5)	A printer cartridge with $2\frac{1}{2}$ milliliters of ink will print off $3\frac{3}{6}$ reams of paper. How many milliliters of ink will it take to print 7 reams?	8.     9.
6)	A water faucet leaked $2\frac{4}{5}$ liters of water every $\frac{2}{3}$ of an hour. It leaked at a rate of how many liters per hour?	10
7)	A chef had to fill up $2\frac{2}{5}$ containers with mashed potatoes. He ended up using $3\frac{1}{4}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up 5 containers?	
8)	A carpenter goes through $2\frac{2}{6}$ boxes of nails finishing $\frac{2}{4}$ of a roof. How much would he use finishing the entire roof?	
9)	It takes $2^{2}_{4}$ spoons of chocolate syrup to make $2^{1}_{2}$ gallons of chocolate milk. How many spoons of syrup would it take to make 9 gallons of chocolate milk?	
10)	A bag with $2\frac{2}{6}$ ounces of peanuts can make $\frac{1}{3}$ of a jar of peanut butter. It can make one full jar with how many ounces of peanuts?	

Math

	Using Units Rates with Fractions Name: Answ	er Key
Solv	e each problem. Answer as a mixed number (if possible).	Answers
1)	It takes $3\frac{1}{2}$ gallons of water to fill up $3\frac{1}{2}$ containers. How much water would it take to fill 7 containers?	17 <sup>0</sup> / <sub>14</sub>
2)	A bike tire was $\frac{2}{5}$ full. It took a small air compressor $2\frac{1}{6}$ seconds to fill it up. How long would it have taken to fill an empty tire?	$\begin{array}{c} 2.  5^{5}/_{12} \\ 3.  7^{3}/_{15} \end{array}$
3)	A cookie recipe called for $3\frac{3}{5}$ cups of sugar for every $\frac{3}{6}$ cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?	4. $5^{20}/_{108}$ 5. $5^{0}/_{42}$
4)	It takes $2\frac{4}{6}$ kilometers of thread to make $3\frac{3}{5}$ boxes of shirts. How many kilometers of thread will it take to make 7 boxes?	6. $\frac{4^2}{_{10}}$ 7. $\frac{6^{37}}{_{48}}$
5)	A printer cartridge with $2\frac{1}{2}$ milliliters of ink will print off $3\frac{3}{6}$ reams of paper. How many milliliters of ink will it take to print 7 reams?	8. $\frac{4^{8}/_{12}}{9. 9^{0}/_{20}}$
6)	A water faucet leaked $2\frac{4}{5}$ liters of water every $\frac{2}{3}$ of an hour. It leaked at a rate of how many liters per hour?	10. <b>7%</b>
7)	A chef had to fill up $2\frac{2}{5}$ containers with mashed potatoes. He ended up using $3\frac{1}{4}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up 5 containers?	
8)	A carpenter goes through $2\frac{2}{6}$ boxes of nails finishing $\frac{2}{4}$ of a roof. How much would he use finishing the entire roof?	
<b>9</b> )	It takes $2^{2}_{4}$ spoons of chocolate syrup to make $2^{1}_{2}$ gallons of chocolate milk. How many spoons of syrup would it take to make 9 gallons of chocolate milk?	
10)	A bag with $2^{2/6}$ ounces of peanuts can make $\frac{1}{3}$ of a jar of peanut butter. It can make one full jar with how many ounces of peanuts?	

Math

Using Units Rates with Fractions Name:										
Solve each problem. Answer as a mixed number (if possible).   Answers										
	$9^{0}/_{20}$	$5^{0}/_{42}$	$5^{20}/_{108}$	$5^{5}/_{12}$	$4^{8}/_{12}$	1				
	$6^{37}/_{48}$	$7^{0}/_{14}$	$7^{3}/_{15}$	$7^{0}_{6}$	$4^{2}/_{10}$	1				
1)	It takes $3\frac{1}{2}$ g 7 containers	gallons of water to fi ?	ll up $3\frac{1}{2}$ containers.	. How much water v	would it take to fill	2				
						3				
2)	A bike tire w would it have	4								
						5				
3)	A cookie recipe called for $3\frac{3}{5}$ cups of sugar for every $\frac{3}{6}$ cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?									
						7				
4)	It takes $2\frac{4}{6}$ k thread will it	8								
						9				
5)	A printer car milliliters of	10								
6)	A water fauc many liters p									
7)	A chef had to of mashed po									
8)		goes through $2^2/_6$ bog the entire roof?	xes of nails finishing	$g^{2/4}$ of a roof. How	much would he					
9)	It takes $2^{2}/_{4}$ spoons of system									
10)	-	$\frac{2}{6}$ ounces of peanut how many ounces of		ar of peanut butter.	It can make one					

Math