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	Using Units Rates with FractionsName:e each problem. Answer as a mixed number (if possible).	
301V	<u>Answers</u>	
1)	It takes $2\frac{1}{2}$ spoons of chocolate syrup to make $2\frac{1}{2}$ gallons of chocolate milk. How many spoons of syrup would it take to make 7 gallons of chocolate milk?	1
- 1		2
2)	A printer cartridge with $2\frac{1}{2}$ milliliters of ink will print off $\frac{1}{3}$ of a box of paper. How many milliliters of ink will it take to print an entire box?	3
3)	2, 2,	4
3)	A cookie recipe called for $2^2/_3$ cups of sugar for every $2^2/_3$ cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?	5
		6
4)	A bag with $3\frac{1}{3}$ ounces of peanuts can make $\frac{4}{5}$ of a jar of peanut butter. It can make one full jar with how many ounces of peanuts?	7
		8
5)	A carpenter goes through $3^2/_3$ boxes of nails finishing $3^1/_6$ rooves. How much would he use finishing 3 rooves?	9
		10.
6)	A tire shop had to fill $3\frac{1}{3}$ tires with air. It took a small air compressor $3\frac{1}{4}$ seconds to fill them up. How long would it take to fill 2 tires?	
7)	A container with $3\frac{1}{4}$ liters of weed killer can spray $\frac{2}{5}$ of a lawn. How many liters would it take to spray 1 entire lawn?	
8)	A water faucet leaked $3\frac{4}{5}$ liters of water over the course of $3\frac{2}{5}$ hours. How many liters would it have leaked after 5 hours?	
9)	A chef had to fill up $\frac{3}{5}$ of a container with mashed potatoes. He ended up using $\frac{3}{2}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up the entire container?	
10)	A bucket of water was $\frac{3}{6}$ full, but it still had $2\frac{1}{2}$ gallons of water in it. How much water would be in one fully filled bucket?	

Math

	Using Units Rates with Fractions Name: An	swer Key
Solv	e each problem. Answer as a mixed number (if possible).	Answers
1)	It takes $2\frac{1}{2}$ spoons of chocolate syrup to make $2\frac{1}{2}$ gallons of chocolate milk. How many spoons of syrup would it take to make 7 gallons of chocolate milk?	1. $\frac{7^{0}}{10}$
2)	A printer cartridge with $2\frac{1}{2}$ milliliters of ink will print off $\frac{1}{3}$ of a box of paper. How many milliliters of ink will it take to print an entire box?	$\begin{array}{c} 2. & 1/2 \\ 3. & 4/6 \end{array}$
3)	A cookie recipe called for $2^2/_3$ cups of sugar for every $2^2/_3$ cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?	4. $\frac{4^2}{_{12}}$ 5. $\frac{3^{27}}{_{57}}$
4)	A bag with $3\frac{1}{3}$ ounces of peanuts can make $\frac{4}{5}$ of a jar of peanut butter. It can make one full jar with how many ounces of peanuts?	6. $1^{30}/_{40}$ 7. $8^{1}/_{8}$
5)	A carpenter goes through $3^2/_3$ boxes of nails finishing $3^1/_6$ rooves. How much would he use finishing 3 rooves?	8. $5^{50}/_{85}$ 9. $5^{5}/_{6}$
6)	A tire shop had to fill $3\frac{1}{3}$ tires with air. It took a small air compressor $3\frac{1}{4}$ seconds to fill them up. How long would it take to fill 2 tires?	10. <u>376</u>
7)	A container with $3\frac{1}{4}$ liters of weed killer can spray $\frac{2}{5}$ of a lawn. How many liters would it take to spray 1 entire lawn?	
8)	A water faucet leaked 3^{4}_{5} liters of water over the course of 3^{2}_{5} hours. How many liters would it have leaked after 5 hours?	
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	Using Units Rates with Fractions Name:										
Solve each problem. Answer as a mixed number (if possible). Answers											
ſ	$4^{0}/_{6}$	5 ⁵⁰ / ₈₅	$4^{2}/_{12}$	$8^{1}/_{8}$	$3^{27}/_{57}$						
	$5^{0}/_{6}$	$5^{5}/_{6}$	$1^{38}/_{40}$	$7^{1}/_{2}$	$7^{0}/_{10}$	1					
1)	It takes $2^{1/2}$ s	poons of chocolate s rup would it take to r	syrup to make $2\frac{1}{2}$ g	allons of chocolate		2 3					
2)	A printer care milliliters of	of paper. How many	4 5								
3)	A cookie rect of cookies us	f you made a batch ed?	 6 7 								
4)	A bag with 3 full jar with h	. It can make one	8 9								
5)	A carpenter g finishing 3 rc	goes through $3^2/_3$ box poves?	xes of nails finishing	$g 3^{1}/_{6}$ rooves. How	much would he use	10					
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