	Using Units Rates with Fractions Name:							
Solve each problem. Answer as a mixed number (if possible). Answers								
1)	It takes $3\frac{1}{2}$ yards of thread to make $\frac{1}{2}$ of a sock. How many yards of thread will it take to make an entire sock?	1						
2)	A bucket of water was $\frac{1}{2}$ full, but it still had $3\frac{1}{2}$ gallons of water in it. How much water would be in one fully filled bucket?	2 3						
3)	A carpenter goes through $2\frac{1}{3}$ boxes of nails finishing $\frac{1}{3}$ of a roof. How much would he use finishing the entire roof?	4 5						
4)	A chef had to fill up $2\frac{1}{2}$ containers with mashed potatoes. He ended up using $3\frac{3}{6}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up 9 containers?	6 7						
5)	It takes $3\frac{1}{6}$ 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?	8 9						
6)	A water faucet leaked $3\frac{1}{2}$ liters of water over the course of $3\frac{1}{2}$ hours. How many liters would it have leaked after 3 hours?	10						
7)	A bag with $2^{2}/_{4}$ quarts of peanuts can make $3^{1}/_{2}$ jars of peanut butter. How many quarts of peanuts would you need to make 2 jars?							
8)	A machine made $3\frac{1}{3}$ pencils in $\frac{1}{2}$ of a minute. It made pencils at a rate of how many per minute?							
9)	A printer cartridge with $3\frac{3}{5}$ milliliters of ink will print off $3\frac{3}{6}$ reams of paper. How many milliliters of ink will it take to print 6 reams?							
10)	A container with $2\frac{3}{4}$ gallons of weed killer can spray $2\frac{3}{4}$ lawns. How many gallons would it take to spray 4 lawns?							

	Using Units Rates with Fractions Name: An	iswer Key
<u> </u>	e each problem. Answer as a mixed number (if possible).	<u>Answers</u>
1)	It takes $3\frac{1}{2}$ yards of thread to make $\frac{1}{2}$ of a sock. How many yards of thread will it take to make an entire sock?	1. $\frac{7^{0}}{2}$
2)	A bucket of water was $\frac{1}{2}$ full, but it still had $3\frac{1}{2}$ gallons of water in it. How much water would be in one fully filled bucket?	2. $7/_{2}$ 3. $7/_{3}$ 12 ¹⁸ /
3)	A carpenter goes through $2\frac{1}{3}$ boxes of nails finishing $\frac{1}{3}$ of a roof. How much would he use finishing the entire roof?	4. 12^{7}_{30} 5. 6^{2}_{6} 5. 3^{0}_{4}
4)	A chef had to fill up $2\frac{1}{2}$ containers with mashed potatoes. He ended up using $3\frac{3}{6}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up 9 containers?	6. $\frac{37_{14}}{1^{12}_{28}}$ 7. $\frac{1^{12}_{28}}{6^{2}_{2}}$
5)	It takes $3\frac{1}{6}$ 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?	$\begin{array}{c} 8. \\ 9. \\ 6 \\ 10. \\ 6 \\ 4 \\ 44 \end{array}$
6)	A water faucet leaked $3\frac{1}{2}$ liters of water over the course of $3\frac{1}{2}$ hours. How many liters would it have leaked after 3 hours?	10
7)	A bag with $2^{2/4}_{4}$ quarts of peanuts can make $3^{1/2}_{2}$ jars of peanut butter. How many quarts of peanuts would you need to make 2 jars?	
8)	A machine made $3\frac{1}{3}$ pencils in $\frac{1}{2}$ of a minute. It made pencils at a rate of how many per minute?	
9)	A printer cartridge with $3\frac{3}{5}$ milliliters of ink will print off $3\frac{3}{6}$ reams of paper. How many milliliters of ink will it take to print 6 reams?	
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	Using Units Rates with Fractions Name:										
Solve each problem. Answer as a mixed number (if possible). Answers											
ſ	$1^{12}/_{28}$	$3^{0}/_{14}$	$7^{0}/_{3}$	$7^{0}/_{2}$	$6^{18}/_{105}$						
	$4^{0}/_{44}$	$12^{18}/_{30}$	$6^{2}/_{3}$	$6^{2}/_{6}$	$7^{0}/_{2}$	1					
1)		rds of thread to mal		Ŭ	hread will it take to	2 3					
2)	A bucket of wa would be in on	How much water	4 5								
3)	A carpenter go use finishing th	 6 7 									
4)		p using $3\frac{3}{6}$ pounds p 9 containers?	8 9								
5)	It takes $3\frac{1}{6}$ spomany spoons c		10								
6)	A water faucet would it have b	How many liters									
7)	A bag with $2^2/_{10}$ peanuts would	low many quarts of									
8)	A machine ma minute?	e of how many per									
9)	A printer cartri milliliters of in										
10)	A container wi it take to spray		eed killer can spra	ay $2\frac{3}{4}$ lawns. How	many gallons would						