	Using Units Rates with Fractions Name:	
Solv	ve each problem. Answer as a mixed number (if possible).	Answers
1)	A chef had to fill up 3 $\frac{1}{3}$ containers with mashed potatoes. He ended	
	up using $2\frac{1}{3}$ pounds of mashed potatoes. How many pounds would	1
	he use if he had to fill up 9 containers?	2
2)	A machine made $2\frac{4}{6}$ pencils in $\frac{1}{2}$ of a minute. It made pencils at a	2
	rate of how many per minute?	3
3)	A water faucet leaked $3\frac{1}{2}$ liters of water every $\frac{3}{6}$ of an hour. It	4
-)	A water faucet leaked 3 7_2 filters of water every 7_6 of an nour. It leaked at a rate of how many liters per hour?	5.
	3, 1,	6
4)	A container with $2\frac{3}{4}$ liters of weed killer can spray $\frac{1}{5}$ of a lawn. How many liters would it take to spray 1 entire lawn?	7
	Thow many mens would it take to spray 1 entire lawin:	/
		8
5)	It takes $3\frac{2}{5}$ yards of thread to make $\frac{1}{3}$ of a sock. How many yards	
	of thread will it take to make an entire sock?	9
		10.
6)	A bucket of water was $\frac{1}{2}$ full, but it still had 2 $\frac{1}{4}$ gallons of water in	
	it. How much water would be in one fully filled bucket?	
7)	It takes 3 $\frac{1}{2}$ spoons of chocolate syrup to make $\frac{2}{4}$ of a gallon of	
	chocolate milk. How many spoons of syrup would it take to make 1	
	gallon of chocolate milk?	
8)	A tire shop had to fill $2\frac{1}{3}$ tires with air. It took a small air	
,	compressor $2\frac{3}{5}$ seconds to fill them up. How long would it take to	
	fill 7 tires?	
0)	$\frac{1}{2}$	
)	A printer cartridge with $3\frac{2}{4}$ milliliters of ink will print off $3\frac{1}{3}$ reams of paper. How many milliliters of ink will it take to print 6	
	reams?	
	1. 1	
10)	A bag with $3\frac{1}{2}$ quarts of peanuts can make $3\frac{1}{2}$ jars of peanut	
	butter. How many quarts of peanuts would you need to make 6 jars?	
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Math

	Using Units Rates with Fractions	Name:	Answer Key
 Solv	re each problem. Answer as a mixed number (if possible).	i tuille.	Answers
	A chef had to fill up 3 $\frac{1}{3}$ containers with mashed potatoes. He ended		<u>2115 W CI 5</u>
	up using $2\frac{1}{3}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up 9 containers?		1. $6^{9/30}$
2)	A machine made $2\frac{4}{6}$ pencils in $\frac{1}{2}$ of a minute. It made pencils at a rate of how many per minute?		$\begin{array}{c} 2. \\ 3. \\ \hline 7 \\ \hline \end{array}$
3)	A water faucet leaked $3\frac{1}{2}$ liters of water every $\frac{3}{6}$ of an hour. It leaked at a rate of how many liters per hour?		4. $13\frac{3}{4}$ 5. $10\frac{1}{5}$
4)	A container with $2\frac{3}{4}$ liters of weed killer can spray $\frac{1}{5}$ of a lawn. How many liters would it take to spray 1 entire lawn?		6. $\frac{4^{2}/_{4}}{7. 7}$
5)	It takes $3\frac{2}{5}$ yards of thread to make $\frac{1}{3}$ of a sock. How many yards of thread will it take to make an entire sock?		8. $7^{28}/_{35}$ 9. $6^{12}/_{40}$
6)	A bucket of water was $\frac{1}{2}$ full, but it still had $2\frac{1}{4}$ gallons of water in it. How much water would be in one fully filled bucket?		10. <u>6</u>
7)	It takes 3 $\frac{1}{2}$ spoons of chocolate syrup to make $\frac{2}{4}$ of a gallon of chocolate milk. How many spoons of syrup would it take to make 1 gallon of chocolate milk?		
8)	A tire shop had to fill $2\frac{1}{3}$ tires with air. It took a small air compressor $2\frac{3}{5}$ seconds to fill them up. How long would it take to fill 7 tires?		
9)	A printer cartridge with $3\frac{2}{4}$ milliliters of ink will print off $3\frac{1}{3}$ reams of paper. How many milliliters of ink will it take to print 6 reams?		
10)	A bag with 3 $\frac{1}{2}$ quarts of peanuts can make 3 $\frac{1}{2}$ jars of peanut butter. How many quarts of peanuts would you need to make 6 jars?		

Using Units Rates with Fractions Name:											
Sol	Answ	<u>ers</u>									
	6 ¹² / ₄₀	7	5 ² / ₆	7	7 ²⁸ / ₃₅	1					
	13 ³ / ₄	6 ⁹ / ₃₀	4 ² / ₄	6	10 ¹ / ₅	2					
1)	A chef had to pounds of mas containers?	3. 4.									
2)	A machine ma many per min	5 6.									
3)	A water fauce how many lite	7.									
4)	A container w would it take t	8 9									
5)	It takes $3\frac{2}{5}$ y take to make a	10									
6)	A bucket of w water would b										
7)	It takes $3\frac{1}{2}$ synthesis How many spectrum.										
8)	A tire shop ha to fill them up										
9)	-	idge with $3\frac{2}{4}$ millililities of ink will it	_	5	of paper.						
10)	-	$\frac{1}{2}$ quarts of peanuts uts would you need	2.0	of peanut butter. H	low many						