	Using Units Rates with Fractions Name:	
Solv	e each problem. Answer as a mixed number (if possible).	Answers
1)	It takes $2^{1/2}$ spoons of chocolate syrup to make $2^{1/2}$ gallons of chocolate milk. How many spoons of syrup would it take to make 7 gallons of chocolate milk?	1
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?	2 3
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 5
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 7
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.   9.
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
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?	
<b>9</b> )	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 www.CommonCoreSheets.com 6	50 40 30 20 10 0

	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. 7 <sup>0</sup> / <sub>10</sub>
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?	2. $\frac{7^{1}/_{2}}{4^{0}/_{6}}$ 3. $\frac{4^{0}/_{6}}{4^{2}/_{6}}$
3)	A cookie recipe called for $2^2/_3$ cups of sugar for every $2^3/_3$ cup of flour. If you made a batch of cookies using 1 cup of flour, how many cups of sugar would you need?	4. $\frac{4}{12}$ 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. $\frac{1}{940}$ 7. $\frac{8^{1}/8}{50/3}$
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. $5 \frac{5}{85}$ 9. $5\frac{5}{6}$ $5^{0}/$
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?	106
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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	Math www.CommonCoreSheets.com 6	50 40 30 20 10 0

		Using Un	its Rates with F	ractions	Name:					
Solve each problem. Answer as a mixed number (if possible).   Answers										
	$4^{0}/_{6}$	5 <sup>50</sup> / <sub>85</sub>	$4^{2}/_{12}$	8 <sup>1</sup> / <sub>8</sub>	$3^{27}/_{57}$					
	$5^{0}/_{6}$	$5^{5}/_{6}$	$1^{38}/_{40}$	$7^{1}/_{2}$	$7^{0}/_{10}$	1				
1)		poons of chocolate s up would it take to r	syrup to make $2^{1/2}$			2.   3.				
2)	-	ridge with $2\frac{1}{2}$ milli nk will it take to pri	-	int off $\frac{1}{3}$ of a box	of paper. How many	4.   5.				
3)		pe called for $2^2/_3$ cunned ng 1 cup of flour, h			If you made a batch ed?	6.   7.				
4)	-	$\frac{1}{3}$ ounces of peanuts ow many ounces of	e	jar of peanut butter	. It can make one	8 9				
5)	A carpenter go finishing 3 roo		xes of nails finishin	$3^{1}/_{6}$ rooves. How	7 much would he use	10				
6)	_	to fill $3\frac{1}{3}$ tires with the fill $3\frac{1}{3}$ the fill $3\frac{1}{3}$ tires with the fill $3$		all air compressor	$3\frac{1}{4}$ seconds to fill					
7)	A container w take to spray 1	•	ed killer can spray	$\frac{2}{5}$ of a lawn. How	many liters would it					
8)		et leaked $3\frac{4}{5}$ liters of leaked after 5 hours		Source of $3^2/_5$ hours.	How many liters					
9)		fill up $\frac{3}{5}$ of a conta shed potatoes. How	-							
10)		vater was $\frac{3}{6}$ full, bu ne fully filled bucke		llons of water in it.	How much water					
	Math	Modif www.CommonC		6	1-10 90 80 70 60	50 40 30 20 10 0				