	Understanding Unit Rate Name:			
Solve each problem. Answers				
1)	A water hose had filled up $\frac{1}{3}$ of a pool after $\frac{1}{2}$ of an hour. At this rate, how many hours would it take to fill the pool?	1		
2)	A small can of paint was $\frac{1}{2}$ of a liter. That was enough to fill $\frac{1}{3}$ of a paint sprayer. How many cans of paint would it take to completely fill the sprayer?	3.		
3)	Carol was using a container to fill up a fishbowl. The container held $\frac{1}{2}$ of a gallon of water and filled $\frac{1}{3}$ of the fishbowl. At this rate, how many containers will it take to fill the fishbowl?	4.   5.   6		
4)	A basket of lemons weighed $\frac{1}{2}$ of a pound and could make a cup of lemonaide that was $\frac{1}{3}$ full. How many baskets of lemons would you need to fill up the entire cup?	7.		
5)	A container of gasoline that held $\frac{1}{2}$ of a liter could fill up $\frac{1}{3}$ of a motorcycle gas tank. How many containers would you need to fill up the gas tank entirely?	8 9		
6)	While exercising Luke walked $\frac{1}{2}$ of a mile in $\frac{1}{3}$ of an hour. At this rate, how far will he have travelled after an hour?	10		
7)	A pencil making machine took $\frac{1}{2}$ of a second to make enough pencils to fill $\frac{1}{3}$ of a box. At this rate, how long would it take the machine to fill the entire box?			
8)	A bag of grass seeds weighed $\frac{1}{2}$ of a kilogram. That was enough to cover $\frac{1}{3}$ of a front lawn with seed. How many bags would it take to completely cover a lawn?			
9)	Sarah spent $\frac{1}{2}$ of an hour playing on her phone. That used up $\frac{1}{3}$ of her battery. How long would she have to play on her phone to use the entire battery?			
10)	A snail going full speed was taking $\frac{1}{2}$ of a minute to move $\frac{1}{3}$ of a centimeter. At this rate, how long would it take the snail to travel a centimeter?			

	Understanding Unit Rate Name:	Answer Kev
Solv	e each problem.	Answers
1)	A water hose had filled up $\frac{1}{3}$ of a pool after $\frac{1}{2}$ of an hour. At this rate, how many hours would it take to fill the pool?	1. $1^{1/2}$ hours
		2. <b>3 cans</b>
2)	A small can of paint was $\frac{1}{2}$ of a liter. That was enough to fill $\frac{1}{3}$ of a paint sprayer. How many cans of paint would it take to completely fill the sprayer?	3. <b>3 containers</b>
2)	1.	4. <b>3 baskets</b>
3)	Carol was using a container to fill up a fishbowl. The container held $\frac{1}{2}$ of a gallon of water and filled $\frac{1}{3}$ of the fishbowl. At this rate, how many containers will it take	5. <b>3 containers</b>
	to fill the fishbowl?	6. $1^{1/2}$ miles
4)	A basket of lemons weighed $\frac{1}{2}$ of a pound and could make a cup of lemonaide that was $\frac{1}{3}$ full. How many baskets of lemons would you need to fill up the entire cup?	7. $1^{1/2}$ seconds
	5 7 7 1 1	8. <b>3 bags</b>
5)	A container of gasoline that held $\frac{1}{2}$ of a liter could fill up $\frac{1}{3}$ of a motorcycle gas tank. How many containers would you need to fill up the gas tank entirely?	9. $1^{1/2}$ hours
		10. 1 <sup>1</sup> / <sub>2</sub> minutes
6)	While exercising Luke walked $\frac{1}{2}$ of a mile in $\frac{1}{3}$ of an hour. At this rate, how far will he have travelled after an hour?	
7)	A pencil making machine took $\frac{1}{2}$ of a second to make enough pencils to fill $\frac{1}{3}$ of a box. At this rate, how long would it take the machine to fill the entire box?	
8)	A bag of grass seeds weighed $\frac{1}{2}$ of a kilogram. That was enough to cover $\frac{1}{3}$ of a front lawn with seed. How many bags would it take to completely cover a lawn?	
9)	Sarah spent $\frac{1}{2}$ of an hour playing on her phone. That used up $\frac{1}{3}$ of her battery. How long would she have to play on her phone to use the entire battery?	
10)	A snail going full speed was taking $\frac{1}{2}$ of a minute to move $\frac{1}{3}$ of a centimeter. At this rate, how long would it take the snail to travel a centimeter?	