	Understanding Unit Rate Name:			
Solve each problem. Answers				
1)	A water hose had filled up $\frac{1}{8}$ of a pool after $\frac{1}{5}$ of an hour. At this rate, how many hours would it take to fill the pool?	1		
2)	A snail going full speed was taking $\frac{1}{10}$ of a minute to move $\frac{1}{5}$ of a centimeter. At this rate, how long would it take the snail to travel a centimeter?	2 3		
3)	A pencil making machine took $\frac{1}{10}$ of a second to make enough pencils to fill $\frac{1}{5}$ of a box. At this rate, how long would it take the machine to fill the entire box?	4. 5. 6.		
4)	A dejuicer was able to squeeze a pint of juice from $\frac{1}{7}$ bag of oranges. This amount of juice filled up $\frac{1}{3}$ of a jug. At this rate, how many bags will it take to fill the entire jug?	7.		
5)	Katie spent $\frac{1}{10}$ of an hour playing on her phone. That used up $\frac{1}{2}$ of her battery. How long would she have to play on her phone to use the entire battery?	9.		
6)	While exercising Dave walked $\frac{1}{10}$ of a mile in $\frac{1}{10}$ of an hour. At this rate, how far will he have travelled after an hour?	10		
7)	A carpenter used $\frac{1}{2}$ of a box of nails while working on a birdhouse and was able to finish $\frac{1}{7}$ of it. At this rate, how many boxes will he need to finish the entire birdhouse?			
8)	A chef used $\frac{1}{10}$ of a bag of potatoes to make $\frac{1}{5}$ of a gallon of stew. If he wanted to make a full gallon of stew how many bags of potatoes would he need?			
9)	A restaurant took $\frac{1}{10}$ of an hour to use $\frac{1}{10}$ of a package of napkins. At this rate, how many hours would it take to use the entire package?			
10)	A water hose had filled up $\frac{1}{3}$ of a pool after $\frac{1}{7}$ of an hour. At this rate, how many hours would it take to fill the pool?			

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