

Multi - step problems with customary unit conversions

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Name:	Class:	

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	Kevin uses 6 ounces of cheese in each pizza he makes. How many pounds of cheese
	does Kevin need to make 30 pizzas?
	Let's first of all find out how many ounces of cheese keyin needs to make 30 pizzas
	1 pizza = 6 ounces of chesse
	Therefore, 30 pizzas = $\frac{30 \times 6}{2}$ ounces of cheese
	= 180 ounces of cheese
_	So, Kevin needs 180 ounces of cheese to make 30 pizzas
_	Now, let's convert 180 ounces into pounds
	If 16 ounces = 1 pound 11
	Therefore, 180 ounces = $\frac{180 \times 1}{16}$ pounds = $\frac{45}{4}$ pounds \longrightarrow 4 45
	Therefore, Kevin needs $11\frac{1}{4}$ pounds of cheese to make 30 pizzas
2.	Yesterday, Ben drove 200 miles using 10 gallons of gasoline. Today, he wants to trave
	500 miles. How many gallons of gasoline does he need?
	Let's first of all find the number of miles he can travel or drive using 1 gallon of gasoline
	10 gallons of gasoline = 200 miles
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