		Comparing	Meas	urement	with Tables and Equations Name:	
Solv	ve each pro	Answers				
1)	Two companies are selling elect Company A is represented in the by an equation, with y represent <b>Company</b> A <b>Total Kilowatt-</b> <b>Hours</b>			ricity by Kilo-watt hour. The cost of electricity for e table below, while the cost for Company B is represented ing the total cost in dollars for x kilowatt hours. A Company B y = 0.15x (\$)		1.   2.   3.
	1060			159.00	-	
	1499		224.85	-		
2)	Find the total cost in dollars of buying 1,346 kilowatt hours of electricity from the cheapest company.Two companies are selling beef jerky by the pound. The cost of jerky for Company A is represented in the table below, while the cost for Company B is represented by an equation, with y representing the total cost in dollars for x pounds of jerky.Company ACompany ACompany B $y = 28.00x$					
		(\$	5)			
	10 100.0		.00			
		14	140	.00		
	Find the to company.	tal cost in dolla	ars of t	ouying 15	pounds of jerky from the more expensive	
3)	Two junk yards offered money for scrap metal. Junk Yard A's price is represented in the table below. Junk Yard B's price is represented by an equation, with y representing the total price and x representing the pounds of metal recycled.					
		Junk Yard A Junk Yard B				
	PoundsTotal Price (\$) $y = 1.80x$ 16023,107.8818053,501.70What is the difference in the price per pound between junk yard A and junk yard B?					

Comparing Measurement with Tables and Equations **Answer Key** Name: Solve each problem. Answers 1) Two companies are selling electricity by Kilo-watt hour. The cost of electricity for 201.9 Company A is represented in the table below, while the cost for Company B is represented 1. by an equation, with y representing the total cost in dollars for x kilowatt hours. **Company A Company B** y = 0.15xTotal **Total Kilowatt-**Cost 0.14 Hours (\$) 159.00 1060 224.85 1499 y = 0.15xFind the total cost in dollars of buying 1,346 kilowatt hours of electricity from the cheapest company. Two companies are selling beef jerky by the pound. The cost of jerky for Company A is 2) represented in the table below, while the cost for Company B is represented by an equation, with y representing the total cost in dollars for x pounds of jerky. **Company A Company B** y = 28.00xTotal **Total Cost Pounds** (\$) 10 100.00 140.00 14 y = 10.00xFind the total cost in dollars of buying 15 pounds of jerky from the more expensive company. 3) Two junk yards offered money for scrap metal. Junk Yard A's price is represented in the table below. Junk Yard B's price is represented by an equation, with y representing the total price and x representing the pounds of metal recycled. Junk Yard A Junk Yard B y = 1.80x**Total Price** Pounds (\$) 3,107.88 1602 1805 3,501.70 y = 1.94xWhat is the difference in the price per pound between junk yard A and junk yard B?