		Comparing	g Meas	urement	with Tables and Equations Name:	
Solve each problem.						Answers
1)	Two companies are selling electricity to Company A is represented in the table by an equation, with y representing the Company A Total Kilowatt- Hours			tricity by e table be ting the to A Total Cost	Kilo-watt hour. The cost of electricity for elow, while the cost for Company B is represented total cost in dollars for x kilowatt hours. Company B y = 0.08x	1. 2. 3.
	1236		5	(Ψ) 98.88		
	1419		113.52			
2)	Two contractors are bidding on building a house. Contractor A's price is represented in the table below. Contractor B's price is represented by an equation, with y representing the total price and x representing the square feet of the house. Contractor A					
	SquareTotal PriceFeet(\$)			Price	y = 118x	
	1993 229,195 1202 138,230		195			
			230			
3)	Find the total price you'd get from building a 1,168 sq/ft house from the more expensive contractor.) Two companies are selling sugar by the pound. The cost of sugar for Company A is					
	represented in the table below, while the cost for Company B is represented by an equation,					
	Company A Company B					
		Total Pounds 10 13	To Cos 2.9 3.7	tal t (\$) 90 77	y = 0.20x	
	What is t	he difference in	n price p	per pound	between Company A and Company B?	

Solve each problem. Answers 1) Two companies are selling electricity by Kilo-watt hour. The cost of electricity for 81.44 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 = 0.08xTotal **Total Kilowatt-**Cost 0.09 Hours (\$) 1236 98.88 1419 113.52 y = 0.08xFind the total cost in dollars of buying 1,018 kilowatt hours of electricity from the cheapest company. Two contractors are bidding on building a house. Contractor A's price is represented in the 2) table below. Contractor B's price is represented by an equation, with y representing the total price and x representing the square feet of the house. **Contractor A Contractor B** y = 118x**Total Price** Square Feet (\$) 1993 229,195 1202 138,230 y = 115xFind the total price you'd get from building a 1,168 sq/ft house from the more expensive contractor. 3) Two companies are selling sugar by the pound. The cost of sugar 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 sugar. **Company A Company B** y = 0.20xTotal Total Cost (\$) Pounds 2.90 10 3.77 13 y = 0.29xWhat is the difference in price per pound between Company A and Company B?

Comparing Measurement with Tables and Equations

Answer Key

Name: