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_1 		Comparing	g Measureme	ent with Tables and Equations Name:	
Solve each problem.					Answers
1)	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.				1
		Company A		Company B	2.
		Total	Total	y = 0.21x	
		Pounds	Cost (\$)		3.
		18	4.86		
		12	3.24		
2)				20 pounds of sugar from the cheapest company. 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 A			Company B y = 30.00x	
		Total Pounds	Total Cost (\$)	y = 50.00X	
		16	448.00	-	
		10	364.00	-	
		15	504.00		
	Find the company		llars of buying	14 pounds of jerky from the more expensive	
3)	Two con	npanies are sell	ing boxes of ca	andy. The pieces of candy you get from Company A	
	is represe	s represented in the table below. The pieces of candy you get per box from Company B is epresented by an equation, with y representing the total number of pieces for x boxes.			
	Company A			Company B y = 29x	
		Total Boxes	Total Pieces	y = 27X	
	Ļ	11	264		
	F	20	480		
	L	20	400		
	What is t B?	he difference in	n the number o	of pieces per box between Company A and Company	

Math

Comparing Measurement with Tables and Equations **Answer Key** Name: Solve each problem. Answers 1) Two companies are selling sugar by the pound. The cost of sugar for Company A is 4.2 represented in the table below, while the cost for Company B is represented by an equation, 1. with y representing the total cost in dollars for x pounds of sugar. **Company A Company B** y = 0.21xTotal Total Pounds Cost (\$) 18 4.86 12 3.24 v = 0.27xFind the total cost in dollars of buying 20 pounds of sugar from the cheapest company. 2) 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 A Company B** y = 30.00xTotal **Total Cost Pounds** (\$) 448.00 16 13 364.00 y = 28.00xFind the total cost in dollars of buying 14 pounds of jerky from the more expensive company. 3) Two companies are selling boxes of candy. The pieces of candy you get from Company A is represented in the table below. The pieces of candy you get per box from Company B is represented by an equation, with y representing the total number of pieces for x boxes. **Company A Company B** y = 29xTotal Total Boxes Pieces 11 264 20 480 $\mathbf{v} = 24\mathbf{x}$ What is the difference in the number of pieces per box between Company A and Company **B**?

Math