Comparing Measurement with Tables and Equations Name:



Math

Comparing Measurement with Tables and Equations **Answer Key** Name: Solve each problem. Answers 1) Two junk yards offered money for scrap metal. Junk Yard A's price is represented in the 2,227.5 table below. Junk Yard B's price is represented by an equation, with y representing the total 1. price and x representing the pounds of metal recycled. Junk Yard A Junk Yard B 2 y = 1.98x**Total Price** Pounds (\$) 0.04 3. 1530 3,473.10 1995 4,528.65 y = 2.27xFind the total price you'd get from recycling 1,125 pounds of metal at the cheapest junk yard. 2) 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 = 22xTotal Total Pieces **Boxes** 13 390 15 450 v = 30xFind the total number of pieces you'd get from buying 13 boxes of candy from the company with the most pieces per box. 3) Two companies are selling electricity by Kilo-watt hour. The cost of electricity 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 kilowatt hours. **Company A Company B** y = 0.10xTotal **Total Kilowatt-**Cost Hours (\$) 1160 162.40 1148 160.72 y = 0.14xWhat is the difference in price per kilowatt hour between Company A and Company B?

Math