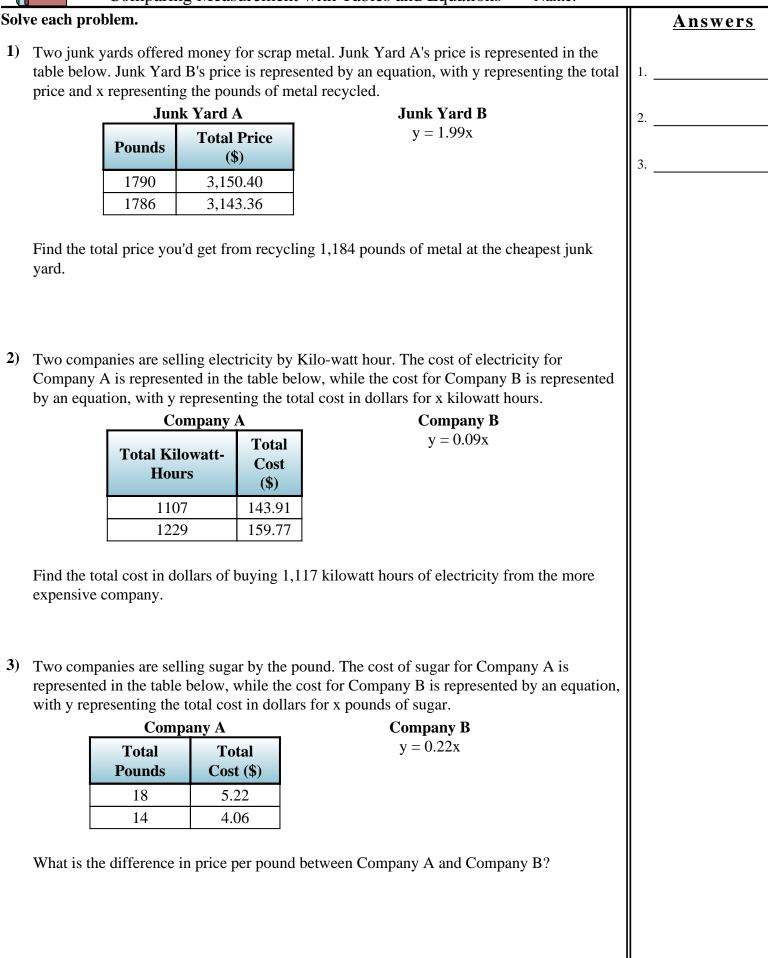
Comparing Measurement with Tables and Equations Name:



Math

Comparing Measurement with Tables and Equations Name: Answ

Answer Key

Solve each problem. Answers 1) Two junk yards offered money for scrap metal. Junk Yard A's price is represented in the 2,083.84 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 145.2 y = 1.99x**Total Price** Pounds (\$) 0.07 3. 1790 3,150.40 1786 3,143.36 y = 1.76xFind the total price you'd get from recycling 1,184 pounds of metal at the cheapest junk yard. 2) 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 = 0.09xTotal **Total Kilowatt-**Cost Hours (\$) 143.91 1107 1229 159.77 v = 0.13xFind the total cost in dollars of buying 1,117 kilowatt hours of electricity from the more expensive company. 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 = 0.22xTotal Total Pounds Cost (\$) 18 5.22 14 4.06 y = 0.29xWhat is the difference in price per pound between Company A and Company B?

Math