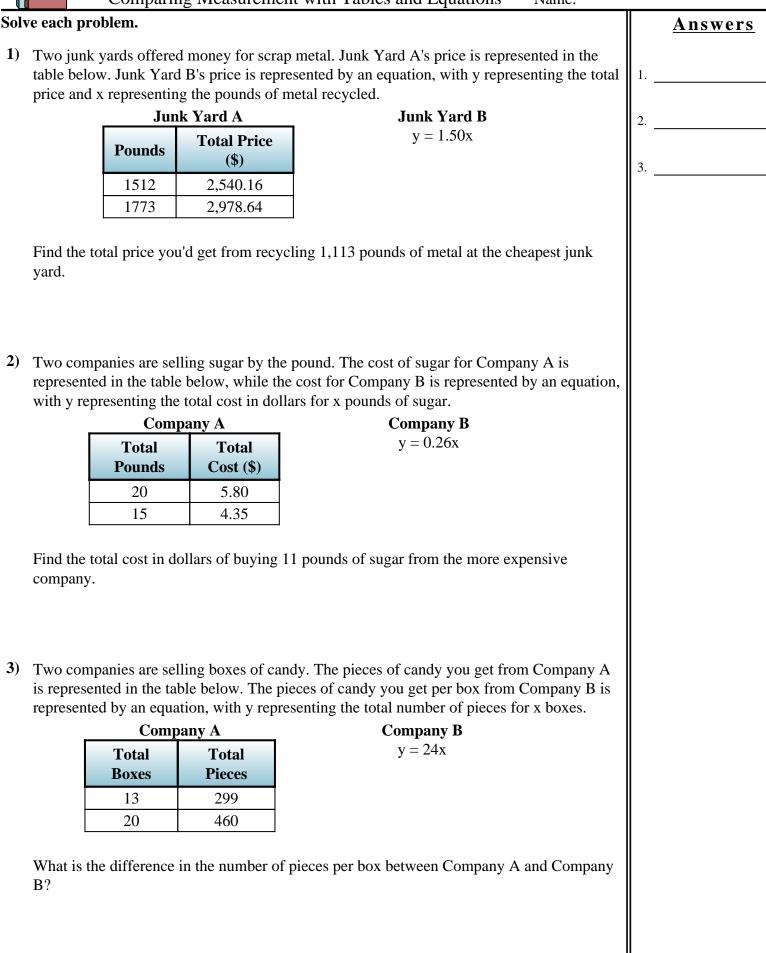
Comparing Measurement with Tables and Equations Name:



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 1.669.5 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 y = 1.50x**Total Price** Pounds (\$) 2,540.16 1512 1773 2,978.64 y = 1.68xFind the total price you'd get from recycling 1,113 pounds of metal at the cheapest junk yard. 2) 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 = 0.26xTotal Total Pounds Cost (\$) 20 5.80 15 4.35 y = 0.29xFind the total cost in dollars of buying 11 pounds of sugar 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 = 24xTotal Total Boxes **Pieces** 13 299 20 460 $\mathbf{v} = 23\mathbf{x}$ What is the difference in the number of pieces per box between Company A and Company **B**?