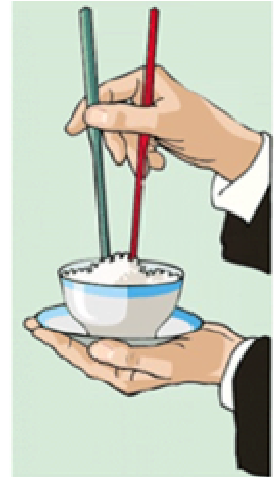


Name _____

Date _____

Linear Function Word Problems - Step-by-Step Lesson

John has purchased four pounds of rice from the market for \$20. Determine the function that defines the cost of rice based on weight.



Explanation:

Step 1) We can easily identify the cost of rice based on weight.

Every 4 pounds of rice equals \$20. We can find the value of one pound by:

$$20/4 = 5$$

Step 2) Restate this relationship as an equation based on pounds.

$$20/4 = 5x$$

Step 3) We can represent this equation on the graph like this:

