

Name \_\_\_\_\_

Date \_\_\_\_\_

**Products of Fractions and Whole Number in Word Problems - Step-by-Step Lesson**

Harry has 4 pounds of powdered milk. He used  $\frac{2}{4}$  of the powdered milk. How many pounds of powdered milk did he use?



**Explanation:**

Multiplying a fraction by an integer follows the same rules as multiplying two fractions.

An integer can be considered to be a fraction with a denominator of 1.

Therefore when a fraction is multiplied by an integer the numerator of the fraction is multiplied by the integer.

The denominator is multiplied by 1 which does not change the denominator.

$$\frac{2}{4} \times 4 = \frac{8}{4} \text{ or } 2 \text{ pounds}$$

