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## mathskills4kids

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Divide unit fractions and whole numbers: word problems.

Peter eats  $\frac{2}{4}$  of a cup of honey flakes everyday. If the box of honey flakes contains a total of 24 cups, how many days will Peter take to finish the box of honey flakes?

Quantity of honey flakes Peter eats =  $\frac{2}{4}$  cup

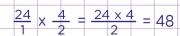
Total quantity of honey flakes in the box = 24 cups

Let's divide 24 by  $\frac{2}{4}$  to find the number of days peter will take to finish the honey flakes

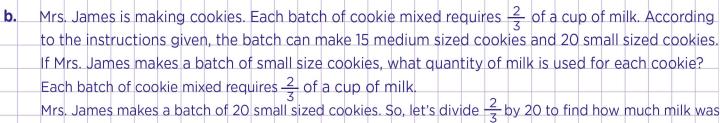
Write the whole number as a fraction.

 $\frac{24}{1} \div \frac{2}{4}$  Find the reciprocal of the second fraction

and change the division sign to multiplication sign



So, Peter will take 48 days to finish the box of honey flakes



used for each cookie.

$$\frac{2}{3} \div 20$$

Write the whole number as a fraction.

Find the reciprocal of the second fraction

and change the division sign to multiplication sign.

$$\frac{2}{3} \times \frac{1}{20} = \frac{2}{60} = \frac{1}{30}$$

So, 
$$\frac{2}{3} \div 20 = \frac{1}{30}$$

So, Mrs. James used  $\frac{1}{30}$  of a cup of milk for each cookie.

