

5. NF.7 Dividing with Fractions

I can divide fractions by whole numbers and whole numbers by fractions.

K

Keep

C

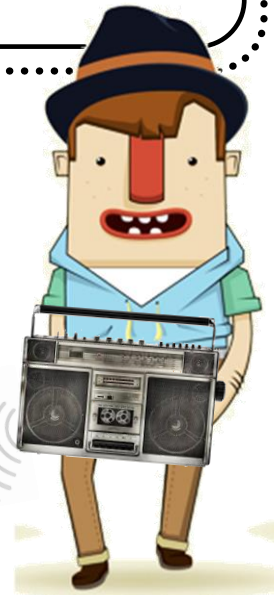
Change

F

Flip

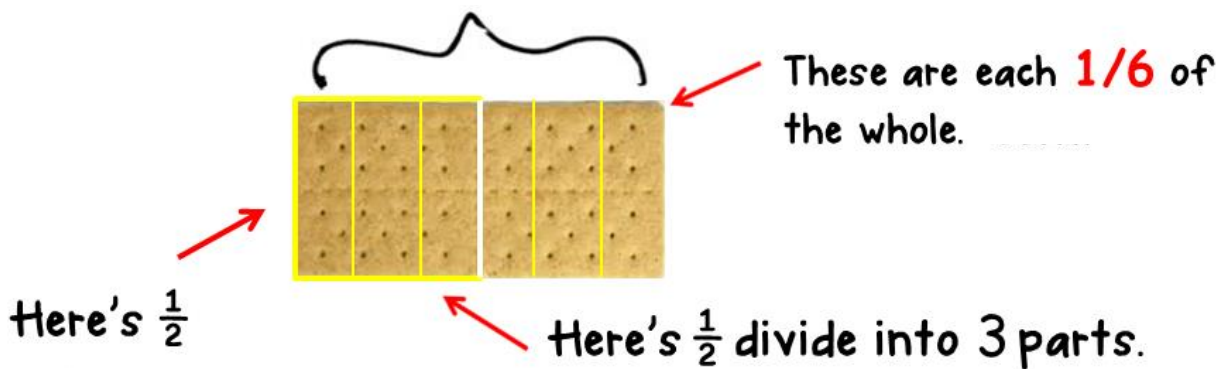
M

Multiply



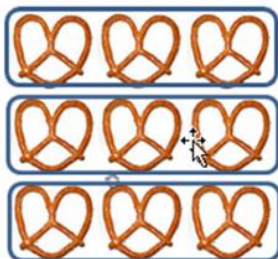
*KCFM... Need help
dividing fractions?
Don't touch that dial...*

$$\frac{1}{2} \div 3 = \frac{1}{6}$$



DIVIDE

Splitting into equal parts
or groups



RECIPROCAL

Exchanging the top and
bottom of the fraction.

$$\frac{3}{4} \xrightarrow{\text{Flip it!}} \frac{4}{3}$$

Dividing Whole Numbers by Fractions

1	2	3	4
Change the whole number to a fraction.	Change the \div to a \times	Find the reciprocal of the second fraction.	Find the product.
$2 \div \frac{1}{2}$ $\frac{2}{1} \div \frac{1}{2}$	$\frac{2}{1} \times \frac{1}{2}$	$\frac{2}{1} \times \frac{2}{1}$	$\frac{4}{1} = 4$

Keep

Change

Flip

Multiply

YOUR TURN:

Find the quotient for each. Reduce to lowest terms. (Show your work)

$$\frac{2}{7} \div \frac{5}{6}$$

$$\frac{3}{4} \div 2$$

$$5 \div \frac{1}{5}$$