

4.NF.4 Multiply Fractions by Whole Numbers

I can multiply a fraction by a whole number.

LINGO

whole number

A basic counting number

Example: 1, 2, 3, 4, 5, 6, 7, 8 . . . so on



numerator

The number above the bar in a fraction, telling how many parts of a group.



Example: $\frac{3}{7}$ ←

fraction

A number that names part of the whole

Example:



denominator

The number below the bar in a fraction, telling the total number of equal parts in all.



Example: $\frac{3}{7}$ ←

HOW

Step 1 – Rewrite the **whole number** as a fraction. Write the whole number on top and put a “1” on the bottom.

$$\frac{1}{2} \times \frac{4}{1} =$$

Step 2 – Multiply straight across

$$\frac{1}{2} \times \frac{4}{1} = \frac{4}{2}$$

Step 3 – Simplify

$$\frac{1}{2} \times \frac{4}{1} = \frac{4}{2} = 2$$

PRACTICE

$$1 \times \frac{1}{6} =$$

$$7 \times \frac{4}{8} =$$

$$\frac{4}{5} \text{ of } 5 =$$

$$\frac{2}{4} \text{ of } 9 =$$

$$\frac{3}{10} \text{ of } 8 =$$

$$8 \times \frac{1}{8} =$$