

Fraction of a whole
Unit fraction have a 1 as the numerator ^(on top)

1 numerator
any# denominator

Ex) $\frac{1}{7}, \frac{1}{5}, \frac{1}{4}, \frac{1}{3}$

$$\frac{2}{4} = \frac{1}{2} \left\{ \frac{20}{10} = 2 \right.$$

Fractions of a whole

Start with unit fractions

Ex) $\frac{1}{7}$ of 21 = 3

(ask yourself how many times does 7 go into 21)

Ex) $\frac{3}{5}$ of 30

Step 1) start with unit fractions ($\frac{1}{\text{denominator}}$ the same)

Step 2) multiply by numerator

$\frac{1}{5}$ of 30 = 6

$\frac{3}{5}$ of 30 = 18

$\times 3$ (indicated by arrows from 6 to 18)

$$\frac{5}{6} \text{ of } 48 = \underline{\quad}$$

$$\begin{array}{l} \times 5 \left(\frac{1}{6} \text{ of } 48 = 8 \right) \times 5 \\ \frac{5}{6} \text{ of } 48 = 40 \end{array}$$