



Fractions

<h2>Numerator</h2> <p>The NUMERATOR is the number above the line of the fraction. It tells us how many pieces we have. In this fraction we have 3 pieces.</p>	<p>The DENOMINATOR is the number below the line of the fraction. It tells us how many pieces there are altogether. In this fraction there are 4 total pieces.</p> <h2>Denominator</h2>
<p>3</p> <hr/> <p>4</p>	<p>3</p> <hr/> <p>4</p>

A fraction is part of a

Equivalent fractions

$$\frac{3}{4} \xrightarrow{\times 5} \frac{15}{20}$$

$$\frac{4}{5} \xrightarrow{\times 4} \frac{16}{20}$$

What you do to the bottom, you do to the

Mixed numbers to improper fractions

$$1\frac{2}{3} = \frac{(1 \times 3 + 2)}{3}$$

$$= \frac{(3 + 2)}{3}$$

$$= \frac{5}{3}$$

Multiply the whole number by the denominator and then

Improper fractions to mixed numbers

Convert $\frac{20}{3}$ to a mixed number

Divide the numerator by the denominator

$$20 \div 3 = 6 \text{ plus } 2 \text{ remainder}$$

$$\frac{20}{3} = 6\frac{2}{3}$$

6 becomes the whole number
2 is the numerator of the fraction as shown
3 is the denominator