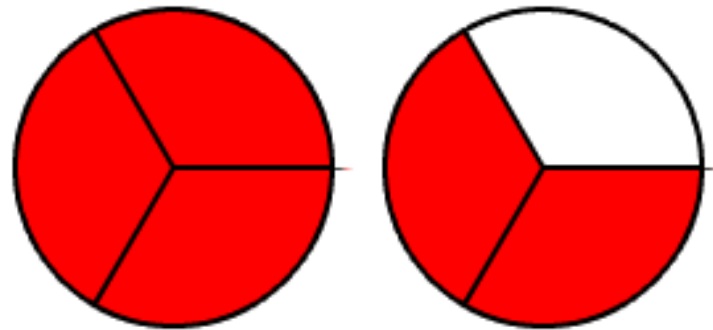


Mixed Form To Fraction Form

Introducing:

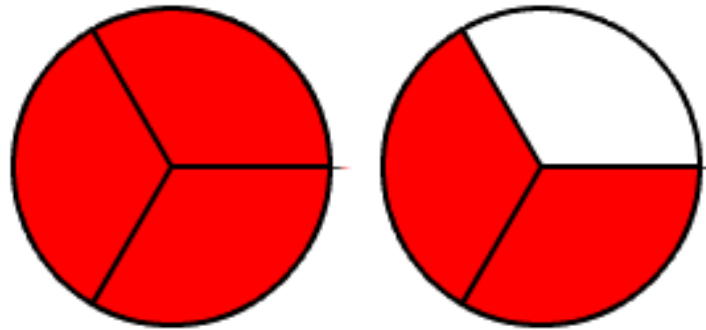
- fraction form
- mixed form



Mixed Form to Fraction Form.

$$1\frac{2}{3} = \frac{5}{3}$$

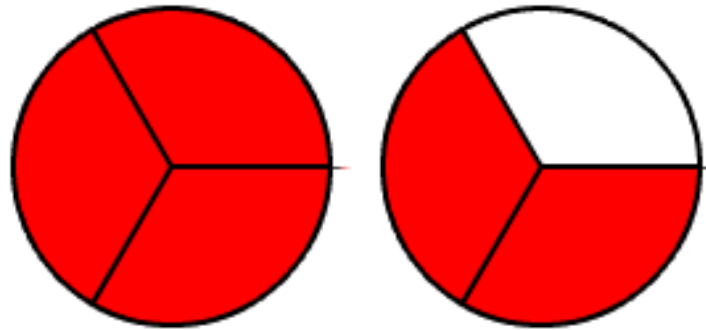
Mixed Form To Fraction Form



Mixed Form to Fraction Form.

$$1 \frac{2}{3} = \frac{1 \times 3 + 2}{3} = \frac{5}{3}$$

This picture shows the fraction $1 \frac{2}{3}$. The complete circle on the left is selected and $\frac{2}{3}$ of the other circle is selected. A fraction such as $1 \frac{2}{3}$ that has a whole number part and a fraction part is a *mixed number*.



Mixed Form to Fraction Form.

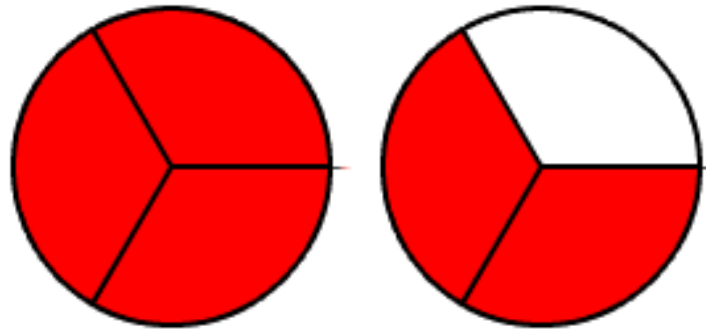
$$1 \frac{2}{3} = \frac{1 \times 3 + 2}{3} = \frac{5}{3}$$

Every whole number or *mixed number* can be written in *fraction* ($\frac{a}{b}$) form.

Every whole number or *mixed number* can be written in
fraction $\left(\frac{a}{b}\right)$ form.

What does that mean?

Look at the circles below ...

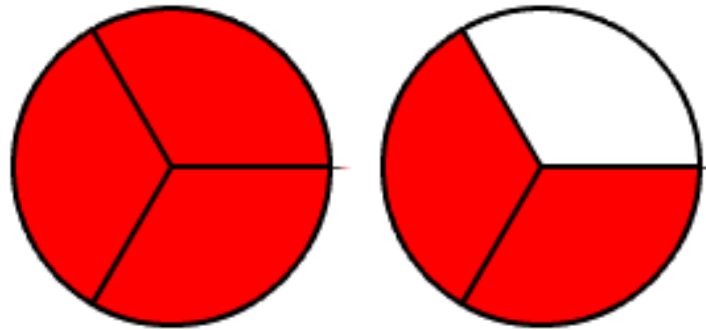


Mixed Form to Fraction Form.

$$1 \frac{2}{3} = \frac{1 \times 3 + 2}{3} = \frac{5}{3}$$

Each circle is divided into three parts. Each part is $\frac{1}{3}$
Add up all of the shaded parts and you get $\frac{5}{3}$. Count them and see.

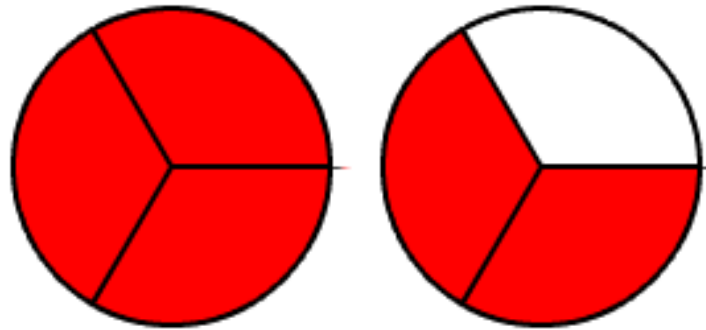
The fraction form for $1 \frac{2}{3}$ is $\frac{5}{3}$



Mixed Form to Fraction Form.

$$1 \frac{2}{3} = \frac{1 \times 3 + 2}{3} = \frac{5}{3}$$

How to calculate fraction form

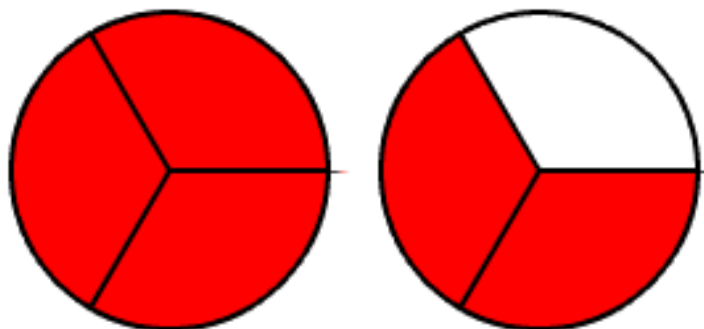


Mixed Form to Fraction Form.

$$1 \frac{2}{3} = \frac{1 \times 3 + 2}{3} = \frac{5}{3}$$

You can calculate the fraction form for $1 \frac{2}{3}$ by multiplying the whole number 1 by the denominator 3 and then adding the numerator 2 for a numerator of 5 in the *fraction* form.

Mixed Form To Fraction Form



Mixed Form to Fraction Form.

$$1 \frac{2}{3} = \frac{1 \times 3 + 2}{3} = \frac{5}{3}$$

Of course, you can look at the picture to see that there are 5 one-third units or $\frac{5}{3}$.

Also, you can think of the unit 1 as $\frac{3}{3}$. Add $\frac{3}{3}$ to the partial unit $\frac{2}{3}$ for the *fraction form* $\frac{5}{3}$. This picture shows that $1 \frac{2}{3} = \frac{3}{3} + \frac{2}{3} = \frac{5}{3}$.



MIXED FORM TO FRACTION FORM- AN EXAMPLE

Elu and Lallo made 7 pies, each with 4 pieces for the 11 people in their family. On their way home, Elu and Lallo got hungry and ate 5 whole pies plus two extra pieces from another whole pie. Is there enough pieces to feed each member of their family?



So Elu and Lallo ate 5 whole
pies and 2 slices from one
whole pie:

$$5 \frac{2}{4}$$



Now to rewrite that as a fraction:

$$\frac{5 \times 4 + 2}{4} = \frac{22}{4}$$



Because they bought 7
pies with 4 pieces, it can
be written in fraction
form as:



$$\frac{7 \times 4 + 0}{4} = \frac{28}{4}$$



We can go ahead and compare both fractions now:

$$\frac{28}{4} - \frac{22}{4} = \frac{6}{4}$$

So out of the 28 pieces, there was only 6 pieces left and because they have 11 people in their family, there is not enough pie for everyone.