

# Friday maths

## Create a poster

**Mixed Number to Improper Fraction**

Step 1: Multiply the whole number and the denominator.

$$4 \frac{2}{3} = \frac{14}{3}$$

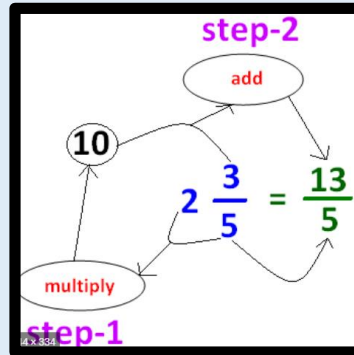
Step 2: Put the sum over the denominator.

**Improper Fraction to Mixed Number**

Step 1: Divide the numerator by the denominator.

$$\frac{14}{3} = 4 \frac{2}{3}$$

Step 2: Remainder goes into the numerator.



Over the last two weeks we have been looking at Improper fractions and Mixed number fractions then how to convert between them.

The whole time Mr L has been using images to help us understand.

Here are some examples.....

$\frac{15}{2} = 7 \frac{1}{2}$

quotient: 7

divisor: 2

remainder: 1

Multiply the whole number by the denominator and add the numerator.

Then add.

$$4 \frac{1}{3} = \frac{13}{3}$$

Keep the same denominator.

Multiply.

### Convert Mixed Numbers to Improper Fractions

**FIRST** multiply denominator by the whole number

$$3 \times 4 = 12$$

How many thirds are in the whole number?

**NEXT** add the product to the numerator

$$12 + 2 = 14$$

PLUS how many thirds are in the fraction?

**LAST** The sum is the numerator. Keep the same denominator

$$= \frac{14}{3}$$

**Task:** Can you create your own poster using a page in your book. It needs to help other year 5 children understand how to convert between mixed number and improper fractions.