

## NICKS & TRICKS

# GUIDE TO PRIMARY SCHOOL MATHS

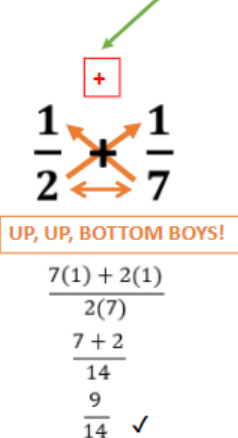
### Topic 12 – Using Fractions – Part 2

#### 1. The **range of a Fraction**

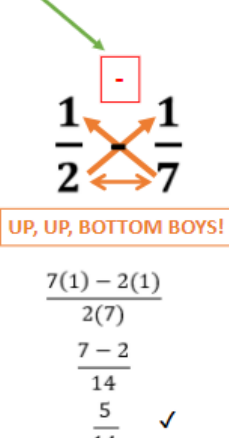
They all go between 0 and 100

$$\frac{0}{100} \rightarrow \frac{100}{100} \quad \text{(Fractions)}$$

#### 2. **RECAP:** When **adding** or **taking** fractions



UP, UP, BOTTOM BOYS!



UP, UP, BOTTOM BOYS!

Arrow system

# Worked Example

## Question:

There were 60 types of sports balls in a bag.  $\frac{2}{5}$  of them were tennis balls.  
How many tennis balls were there in the bag.

So we .... find  $\frac{2}{5}$  of 60?

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## Step 1: Divide by bottom

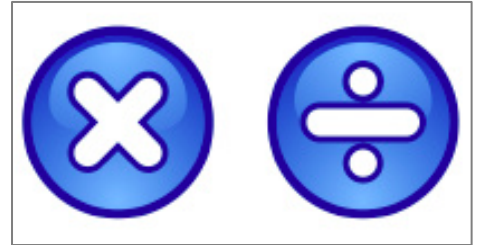
- $60 \div 5 = 12$

## Step 2: Multiply by top

- $12 \times 2 = 24$

**Answer:** 24 tennis balls were in the bag!

## 3 Questions – 10 mins – Time yourself!



### Question 1:

Find  $\frac{1}{3}$  of 75.

### Question 2:

If  $\frac{3}{4}$  of a number is 12 what is the number?

### Question 3:

Find  $\frac{7}{8}$  of 112.