

NICKS & TRICKS

GUIDE TO PRIMARY SCHOOL MATHS

Topic 13 – Fractions & Words

1. First tip!

Ask yourself:

Is it adding or subtracting?



2. Questions with “OF”

Divide by the Bottom,
Multiply by the Top!



3. Questions with “IS”

Multiply by the Bottom,
Divide by the Top!



Worked Example



Question:

Recently, Olivia listened to $\frac{1}{10}$ of her favourite songs. Whitney listened to $\frac{1}{4}$ of her favourite songs.

Who listened to a greater fraction of her favourite songs?

Remember: A percent is 1 part out of 100.

1% is equal to $\frac{1}{100}$ or 0.01.

Step 1:

First write $\frac{1}{10}$ as a decimal. Then convert the decimal to a percentage.

$$\frac{1}{10} = 0.1 = 10\%$$

Do the same thing for $\frac{1}{4}$.

$$\frac{1}{4} = 0.25 = 25\%$$

Now compare the percentages.

$$10\% ? 25\%$$

10 is less than 25, so $10\% < 25\%$.

Whitney listened to a greater fraction of her favourite songs.

3 Questions – 10 mins – Time yourself!

Question 1:

Yesterday Ian and his brothers ate $\frac{3}{4}$ of a selection box, and this week they ate $\frac{8}{10}$ of another selection box.

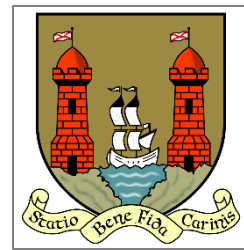
How much more of the selection box did they eat this week compared to last week?



Question 2:

In JD sports shop, $\frac{1}{3}$ of the jerseys are Cork and $\frac{1}{6}$ of the jerseys are Kerry.

What fraction of the jerseys are either Cork or Kerry?



Question 3:

Simon bought a big swirl with his 3 friends.

The swirl cost €12.30. They split the cost 3 ways.

How much did Simon Pay?