mathskills4kids

Name: ..... Class: .....

Benchmark fractions

A benchmark fracion is a common fraction that is used as a point of reference when measuring, comparing or ordering other fractions.

Given the benchmarks $\frac{1}{2}$ and 1, state which benchmark is between the following fractions.

Benchmark _____ is between $\frac{3}{4}$ and $\frac{10}{7}$.

Solution

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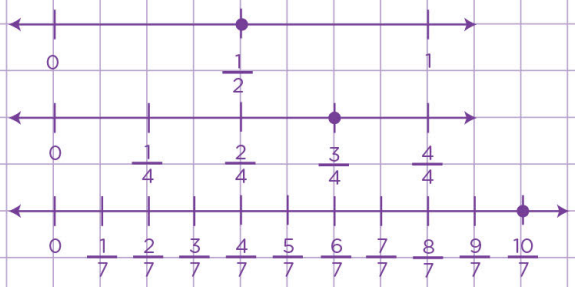
Let's first of all check the benchmark $\frac{1}{2}$.

Let's draw a number line $\frac{1}{2}$ and also draw two more number lines to represent the two fractions $\frac{10}{7}$ and $\frac{3}{4}$



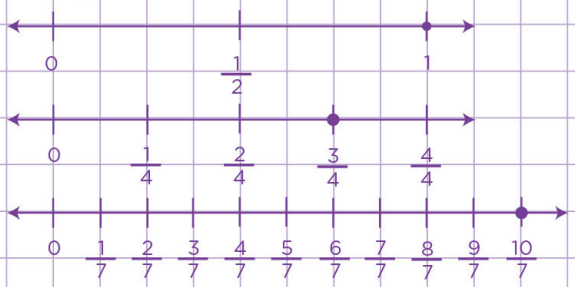
Now, let's compare.

You see that from the number lines above, $\frac{1}{2}$ is less than $\frac{3}{4}$ and $\frac{10}{7}$.

So, $\frac{1}{2}$ is not between $\frac{3}{4}$ and $\frac{10}{7}$.

Secondly, let's check the benchmark 1.

Let's again draw a number line 1 and then draw two more number lines to represent the two fractions $\frac{3}{4}$ and $\frac{10}{7}$.



Now let's compare.

You see that from the number lines, 1 is greater than $\frac{3}{4}$ and less than $\frac{10}{7}$.

So, the benchmark 1 is between $\frac{3}{4}$ and $\frac{10}{7}$.