

Master Tenths on a Number Line as Fractions

Rationale

In this step, pupils will develop their understanding of tenths as fractions through the use of number lines.

Pupils will label, identify and estimate where the fractions $\frac{1}{10}$, $\frac{2}{10}$, $\frac{3}{10}$, $\frac{4}{10}$, $\frac{5}{10}$, $\frac{6}{10}$, $\frac{7}{10}$, $\frac{8}{10}$ and $\frac{9}{10}$ are placed on a variety of simple number lines.



Key Stem Sentences

- The value of each interval is ____
- ____ is here on the number line.
- ____ is near to ____ / between ____ and ____



Key Vocabulary

- number line
- mid-point
- interval
- estimate



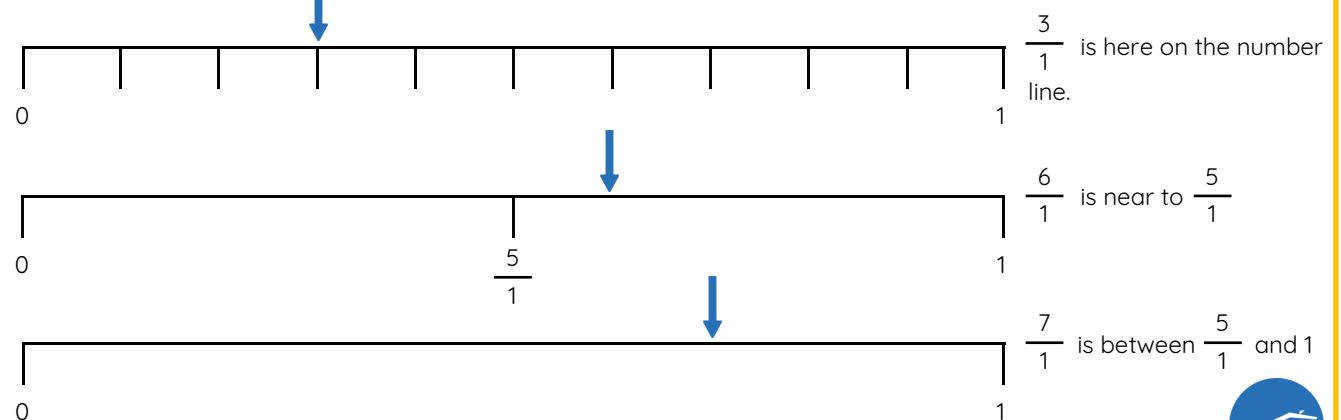
Common Errors or Misconceptions

- Pupils may have difficulty understanding the size of tenths in relation to each other and place them the incorrect distance from the start or between intervals.



Key Representations

Number Lines



Pupils will FLOURISH if they can...

- label, identify and estimate the position of tenths on a variety of different number lines.
- begin to explain their understanding using 'Decide, Assess, Back up', given stems and representations.

