

Master Hundredths on a Number Line as Fractions

Rationale

In this step, pupils will build upon their understanding of tenths as fractions on a number line from Year 3, and hundredths as decimals on a number line, and apply it to hundredths as fractions.

Pupils will label, identify and estimate where the fractions $\frac{1}{100}$ to $\frac{99}{100}$ are placed on a variety of simple number lines.



Key Stem Sentences

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



Key Vocabulary

- number line
- mid-point
- interval
- estimate



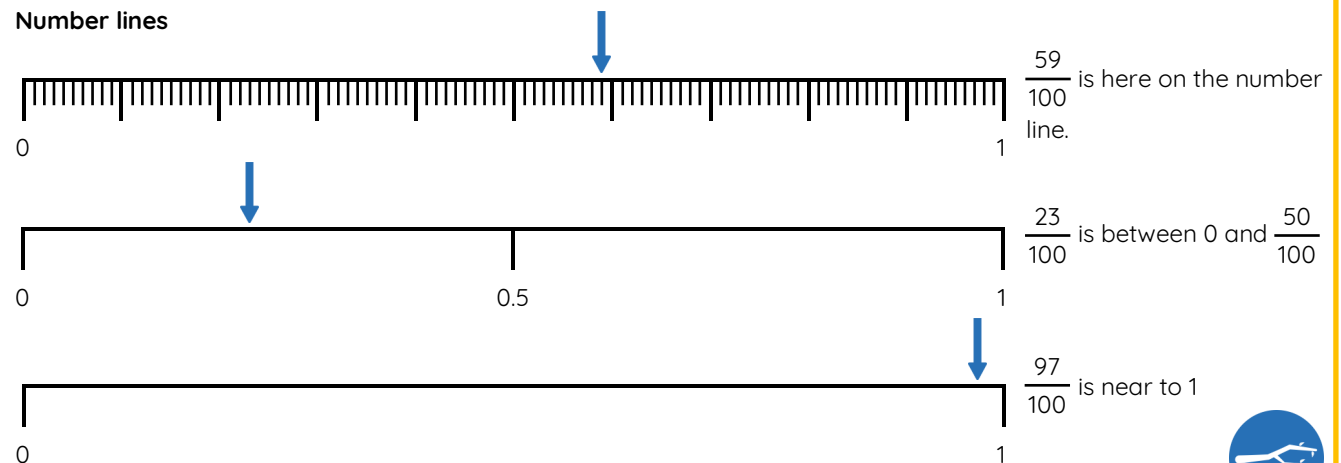
Common Errors or Misconceptions

- Pupils may have difficulty understanding the size of hundredths 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 hundredths on a variety of different number lines.
- explain their understanding using 'Decide, Assess, Back up' with representations.

