

Master Thousandths on a Number Line as Decimals

Rationale

In this step, pupils will build upon their understanding of hundredths on a number line from Year 4 and apply it to thousandths.

Pupils will label, identify and estimate where the decimal numbers 0.001 to 0.999 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



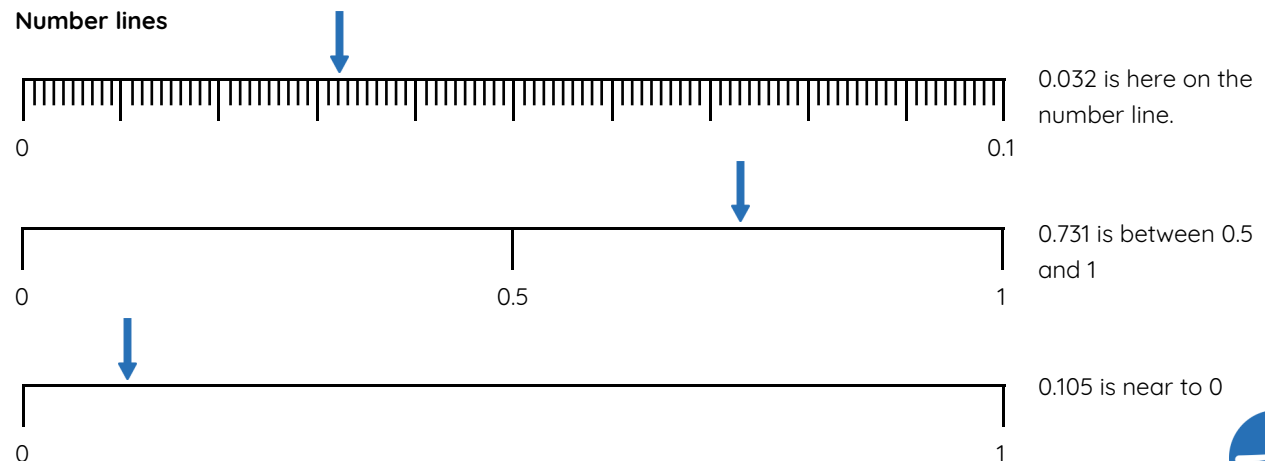
Common Errors or Misconceptions

- Pupils may have difficulty understanding the size of thousandths 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 thousandths on a variety of different number lines.
- begin to explain their understanding using their own words and representations.

