

# Master Fractions on a Number Line

## Rationale

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

Pupils will label, identify and estimate where the fractions up to tenths 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



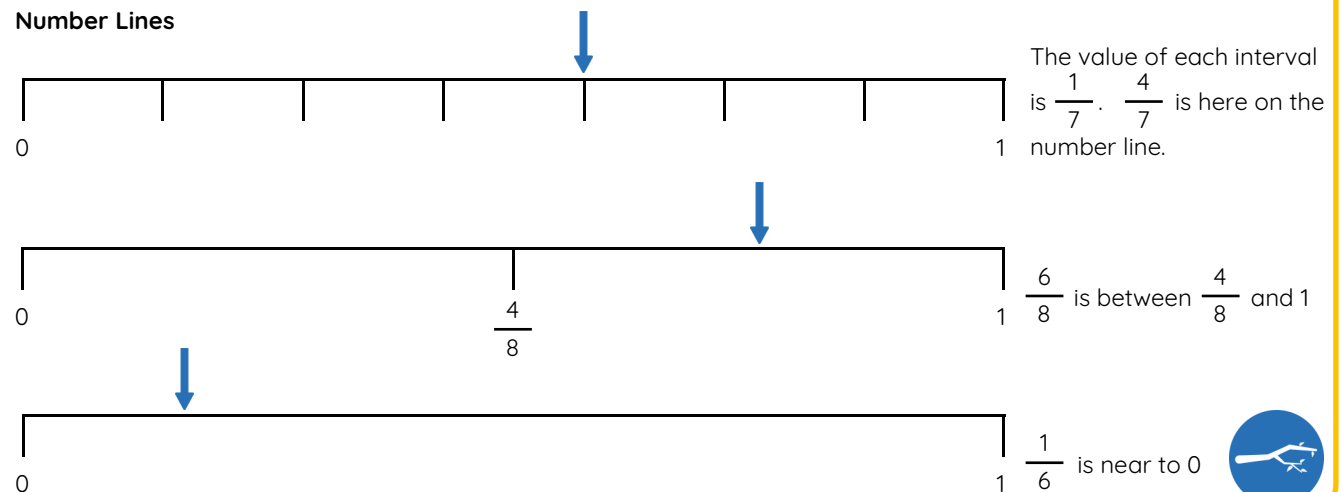
## Common Errors or Misconceptions

- Pupils may have difficulty understanding the size of fractions 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 fractions on a variety of different number lines.
- begin to explain their understanding using 'Decide, Assess, Back up', given stems and representations.

