

# Master The Number Line to 100

## Rationale

In this step, pupils will build on their understanding of the number line from Year 1. They will initially use the number line to label and identify numbers on a partially labelled number line from 0 - 100

Pupils' learning will be extended through finding the mid-point and estimating numbers on a blank number line from 0 - 100 and progress to identifying and labelling numbers on number lines with different start and end points in multiples of 10



## 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
- major / minor interval
- mid-point
- estimate / near to / between



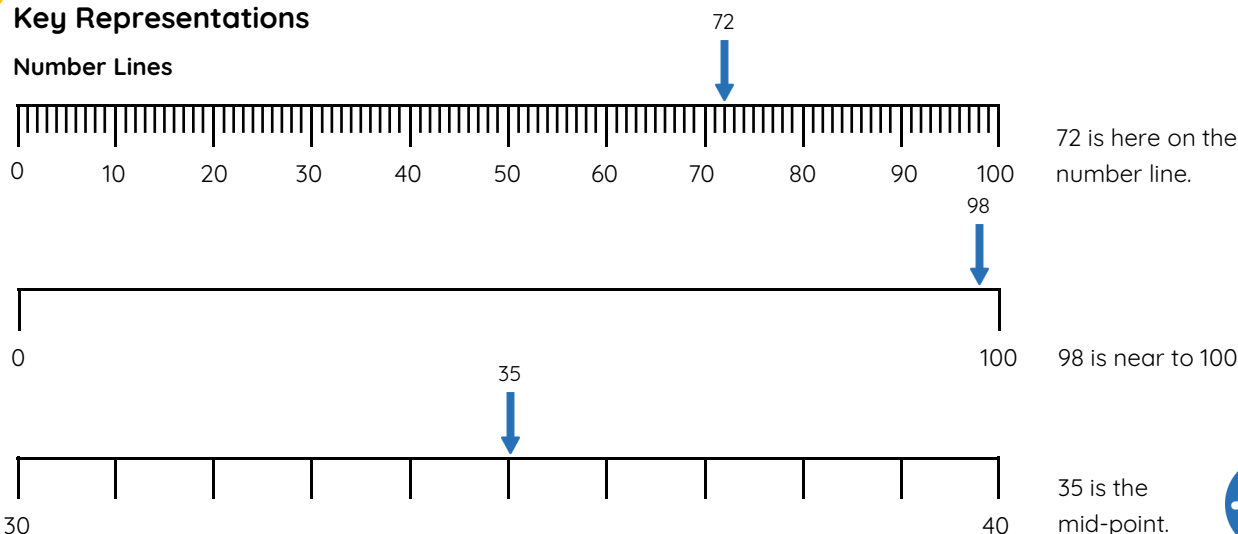
## Common Errors or Misconceptions

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



## Key Representations

### Number Lines



## Pupils will FLOURISH if they can...

- identify and label numbers on partially labelled number lines from 0 - 100
- estimate, identify and label numbers on blank number lines from 0 - 100
- identify and label numbers on number lines with different start and end points in multiples of 10
- explain their understanding using written sentences, concrete apparatus and given representations.

