

Master The Number Line to 20 B

Rationale

In this step, pupils will build upon their understanding of numbers to 20, by estimating their position on partially labelled and blank number lines

Pupils will connect their knowledge of finding the mid-point to support them in the placement of given numbers. They will connect their knowledge of counting forwards and backwards in 1s to support them in determining which numbers are near to and between given numbers.



Key Stem Sentences

- ___ is the mid-point.
- ___ is between ___ and ___
- ___ is near to ___



Key Vocabulary

- mid-point
- near to
- between
- estimate



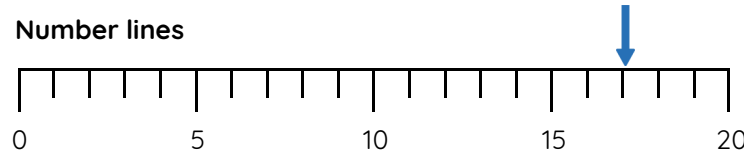
Common Errors or Misconceptions

- Pupils may have limited spatial awareness, resulting in difficulty determining the distance between numbers.

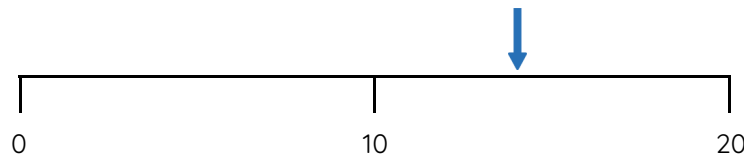


Key Representations

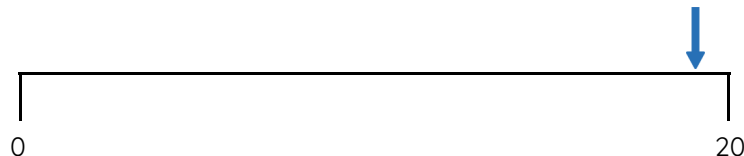
Number lines



17 is here on the number line.



14 is between 10 and 20



19 is near to 20



Pupils will FLOURISH if they can...

- identify and estimate the position of numbers on partially labelled 0 - 20 number lines.
- consider the mid-point and which numbers a given number is near to or between.
- estimate the position of numbers on a blank 0 - 20 number line.
- explain their understanding using verbal sentences and concrete apparatus.

