

Walter One

Ideas for questions and discussion points

The Map of Numberline Lane

- Would Walter One live on the odd or even side of the lane?
- Who would he meet next along the lane?
- Who would he meet next on his own side of the lane?
- If he walked up the lane on his own side, would he ever meet Nick Six? Why?
- What number comes before one on a number line?

Development of the mathematics in the story

- When Gus Plus makes the muddled numberline appear, try recreating this with number cards, or get children to represent the different numbers. Ask one child to muddle the numbers up and another child to sort them out. Repeat this activity muddling the numbers in different ways.
- As above, but remove one of the number cards: how quickly can you spot which card is missing?
- Which numbers would come next, or before, given numbers on Gus Plus' numberline?
- Encourage the children to join in the repeated addition when Walter One works out the order of the numberline.
- What numbers would Walter One use if he started on two instead of one?
- What numbers would Walter One use if he started on one, but this time developed a number line counting in twos or even threes? Which numbers would be left out?
- What would happen if Walter One started with the biggest number he could think of and then added one, or two, or even ten?
- How could you make a numberline where the numbers got less each time?
- If you take any three numbers (consecutive or otherwise) from the numberline, can you put them into numerical order?
- Start a numberline where the numbers increase or decrease in size by one, two or more. Can the children work out what numbers come next?
- Start a numberline that can be extended in both directions. How far can it be extended?

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