

Clive Five

Ideas for questions and discussion points

The Map of Numberline Lane

- Would Clive Five 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 Jenny Ten? Why?
- What number comes before, or after, five on a number line?
- Ask the children which of them live in an even, or odd, house number at home?

Development of the mathematics in the story

- If Clive Five bounced the ball five times and Kevin Seven bounced the ball seven times, how many times is that altogether?
- If Clive Five and Kevin Seven are in one team for the football match, how many numbers are left in the other team? What type of sum is needed to work this out? Can you show the four number questions that relate to this idea e.g. $2+8$, $8+2$, $10-2$, $10-8$.
- Repeat the same discussion when Suzie Two makes her suggestion with her and Walter One and Nora Four on one team and everyone else on the other team.
- Gus Plus puts everyone into pairs, where the partners add up to ten. Which number would Jenny Ten need to stand beside?
- Discuss who Clive Five would need to be standing beside. Look at it as finding the difference by counting up from five to ten.
- Does it matter that Walter One is standing before Nigel Nine - does $1+9$ equal the same as $9+1$?
- Looking at the bonds, encourage adding the smaller number to the bigger number by putting the larger number first and then counting up.
- If Nora Four stops playing, how many players are left in the match before Linus Minus joins in? Are the teams fair at this point?
- If it was a six-a-side match, how many players would there be? How many for seven-a-side? How would you work out how many players?
- The final score is one goal each. How many goals is this altogether? If the score was 3:4 how many goals would that be altogether? What about 5:6, or 4:3, etc.?

Clive Five

Ideas for questions and discussion points

The Map of Numberline Lane

- Would Clive Five 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 Jenny Ten? Why?
- What number comes before, or after, five on a number line?
- Ask the children which of them live in an even, or odd, house number at home?

Development of the mathematics in the story

- If Clive Five bounced the ball five times and Kevin Seven bounced the ball seven times, how many times is that altogether?
- If Clive Five and Kevin Seven are in one team for the football match, how many numbers are left in the other team? What type of sum is needed to work this out? Can you show the four number questions that relate to this idea e.g. $2+8$, $8+2$, $10-2$, $10-8$.
- Repeat the same discussion when Suzie Two makes her suggestion with her and Walter One and Nora Four on one team and everyone else on the other team.
- Gus Plus puts everyone into pairs, where the partners add up to ten. Which number would Jenny Ten need to stand beside?
- Discuss who Clive Five would need to be standing beside. Look at it as finding the difference by counting up from five to ten.
- Does it matter that Walter One is standing before Nigel Nine - does $1+9$ equal the same as $9+1$?
- Looking at the bonds, encourage adding the smaller number to the bigger number by putting the larger number first and then counting up.
- If Nora Four stops playing, how many players are left in the match before Linus Minus joins in? Are the teams fair at this point?
- If it was a six-a-side match, how many players would there be? How many for seven-a-side? How would you work out how many players?
- The final score is one goal each. How many goals is this altogether? If the score was 3:4 how many goals would that be altogether? What about 5:6, or 4:3, etc.?