Katy Eight

Ideas for questions and discussion points

The Map of Numberline Lane

- Katy Eight is an even number. Can you describe what an even number is?
- Katy Eight, Nick Six and Jenny Ten are even numbers. There are two other even numbers down the lane. Who are they?
- Katy Eight is on the even side of the lane. Whose houses are not on the even side of the lane?
- If you take away 5 from 8, what are you left with?
- If you add 2 to 8, what number would you get?

Development of the mathematics in the story

- There are eight pet goldfish in the bowl. If one jumped out, how many would be left?
- Katy Eight pours herself some Number Flakes. The first numbers to land in her bowl are 3, 4 and 5. What is the total of these numbers?
- Katy Eight planted eight pink flowers. If she had planted 3 more, how many would there have been?
- If she had planted half that number, how many would there have been?
- Clive Five tells Katy Eight that the difference between eight and six is two. What other pairs of numbers have a difference of two?
- Linus Minus had taken the two flowers away. If he had taken three away, how many flowers would have been left?
- Katy Eight and Clive Five went to the Add Pad. Katy Eight knocks on the door eight times. If she knocked another eight times, how many knocks would that have been altogether?
- Can you find the difference between 4 and 6, 2 and 5, 7 and 10?
- Gus Plus is thinking of two numbers that have a difference of 4. What numbers might he be thinking of?
- Katy Eight plants her flowers in rows of four. If she planted another row, how many would there be? If she had only planted one row, how many would there be?
- Is there another way of arranging her eight pink flowers in a group?