

# Discussion Problems

## Step 1: Numbers to 50

### National Curriculum Objectives:

Mathematics Year 1: (1N1a) [Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number](#)

Mathematics Year 1: (1N2a) [Count, read and write numbers to 100 in numerals](#)

### About this resource:

As this resource is aimed at Year 1, we recommend that an adult reads the problem to children who cannot yet access it for themselves.

This resource has been designed for pupils who understand the concepts within [this step](#). It provides pupils with more opportunities to enhance their reasoning and problem solving skills through more challenging problems. Pupils can work in pairs or small groups to discuss with each other about how best to tackle the problem, as there is often more than one answer or more than one way to work through the problem.

There may be various answers for each problem. Where this is the case, we have provided one example answer to guide discussion.

We recommend self or peer marking using the answer page provided to promote discussion and self-correction.

More [Year 1 Place Value](#) resources.

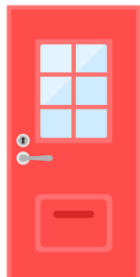
Did you like this resource? Don't forget to [review](#) it on our website.

# Numbers to 50

1. Postman Percy is delivering mail. He always likes to start at the highest numbered house. He delivers one letter to each house.



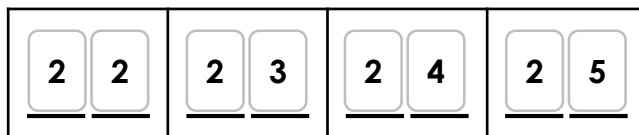
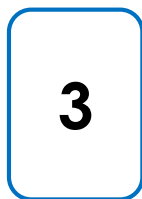
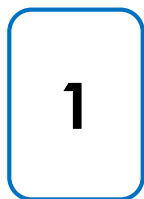
The first house number is less than 45 but more than 35. He delivers 5 letters. What house number does he end on?



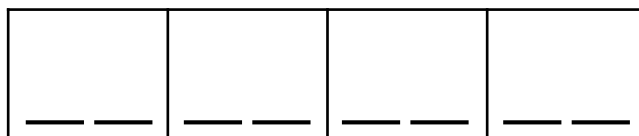
Explore all possibilities.

DP

2. Sally is counting forwards within 50. She uses the digit cards below to create 2-digit numbers for a number track.



Investigate the different ways she can complete the number track using the digit cards. You can use each digit card more than once.



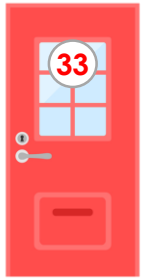
DP

# Numbers to 50

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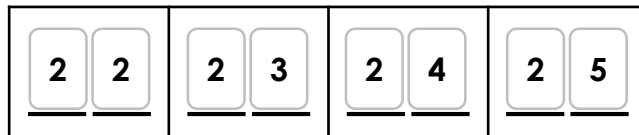
The first house number is less than 45 but more than 35. He delivers 5 letters. What house number does he end on?



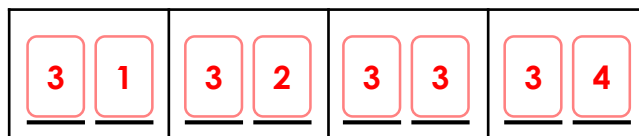
Explore all possibilities. **Various answers, for example: He starts at house number 37 and delivers letters to numbers 37, 36, 35, 34 and 33. He ends on house number 33.**

DP

2. Sally is counting forwards within 50. She uses the digit cards below to create 2-digit numbers for a number track.



Investigate the different ways she can complete the number track using the digit cards. You can use each digit card more than once.



**Various answers, one example given above.**

DP