A Choose a number between 50 and 99 .
Partition your number into tens and ones in as many ways as you can, without writing the actual number.
Swap books with a partner and try to work out each other's number.

B Play 'Find my Shape' with a partner.

## Instructions

I. Colour 5 squares on the grid in a plus shape, like this. Don't let you partner see!

| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

2. Take turns asking questions to work out which squares your partner has coloured. The only rule is that you can't name any of the numbers on the grid!
3. The first player to work out all their partner's coloured squares wins.

