you need:
- 2 calculators
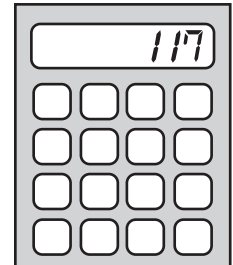- pencil and paper
- a friend

Swapsies

Both of you:
- in secret, choose two next-door numbers
- write them down
- add them and tell your partner what the total is
- get them to work out what your two numbers were

For example

Freddy chose 58 and 59.

He added them to get 117.

He said to his partner

'My total is 117. Can you find my starting numbers?'

117

Question 2

Zandra's total was 2199.

What were her starting numbers?

Question 1

James' total was 53.

What were his starting numbers?

Question 3

Zak multiplied instead of adding.

He got 56.

What were his starting numbers?

Question 4

Naomi also multiplied instead of adding.

She got 110.

What were her starting numbers?

Question 5

Could you do this puzzle with decimal numbers?

How?