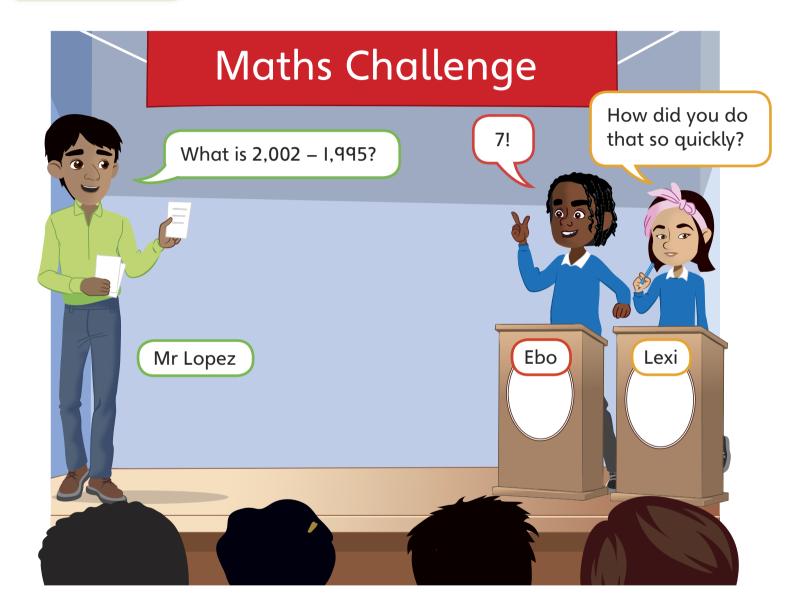
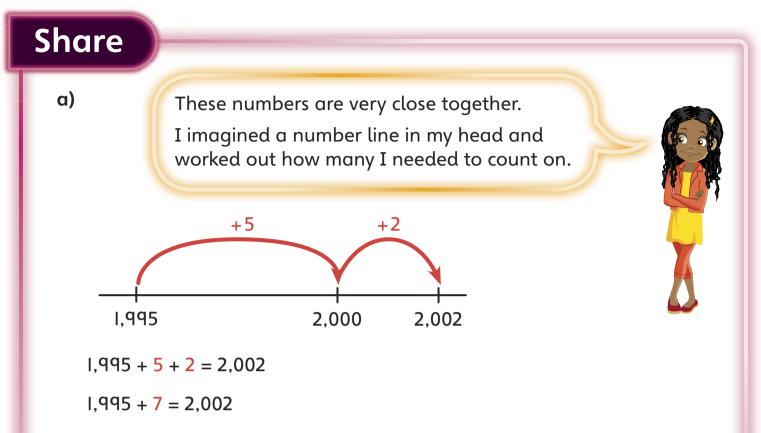
Mental addition and subtraction **2**

Discover



- a) Explain how Ebo could have found the answer so quickly in his head.
- **b)** Mr Lopez then asks, 'What is 760 250?'

Work out the answer mentally and explain your method to a partner.



So, 2,002 – 1,995 = 7

This is how Ebo could have quickly found the answer in his head.

b) To solve 760 – 250 in your head, first partition the number into hundreds and tens.

Subtract the IOOs first.

Then subtract the IOs.

700 - 200 = 500

60 - 50 = 10

So, 760 – 250 = 510.

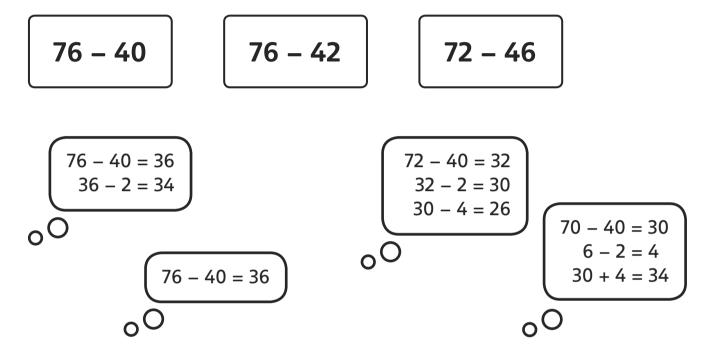
It can be easier to do questions like this in your head rather than using a written method. I did it a different way. I subtracted 200 to get 560 and then subtracted 50 to get 510.

Think together



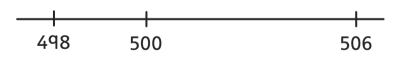
Match each thought bubble to the calculation that it solves.

Two of the bubbles match to the same calculation.



2

a) Work out 506 – 498 by counting on.



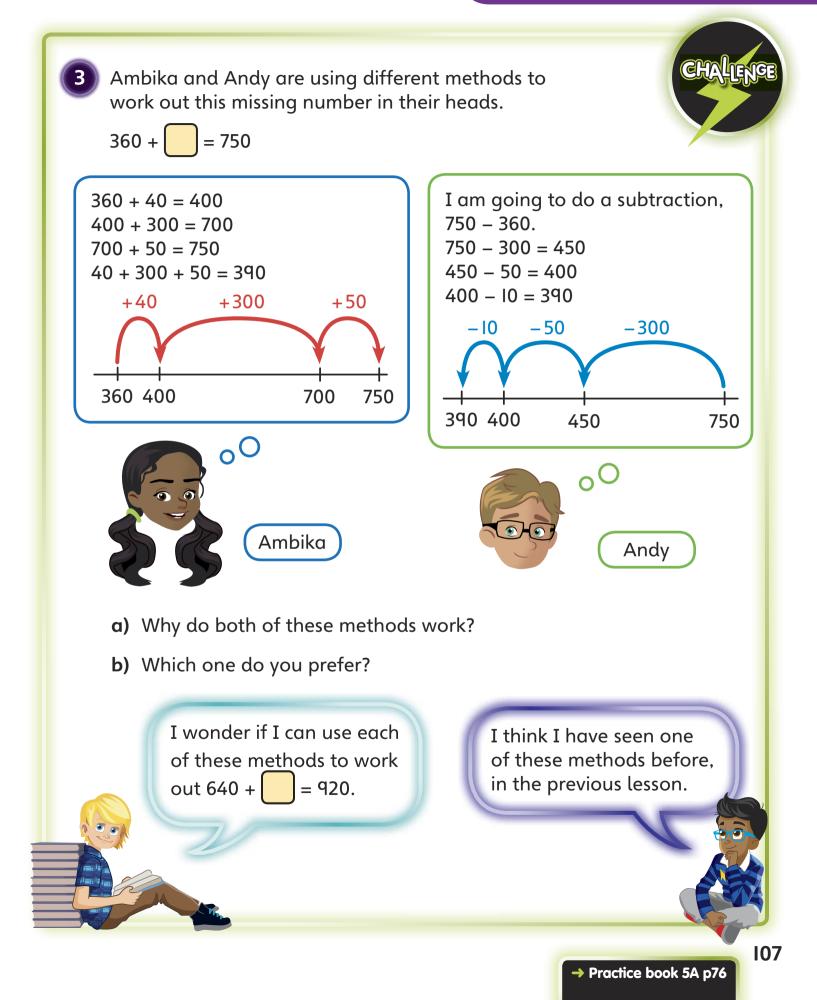
b) Now solve these calculations mentally.

You could try imagining a number line in your head.



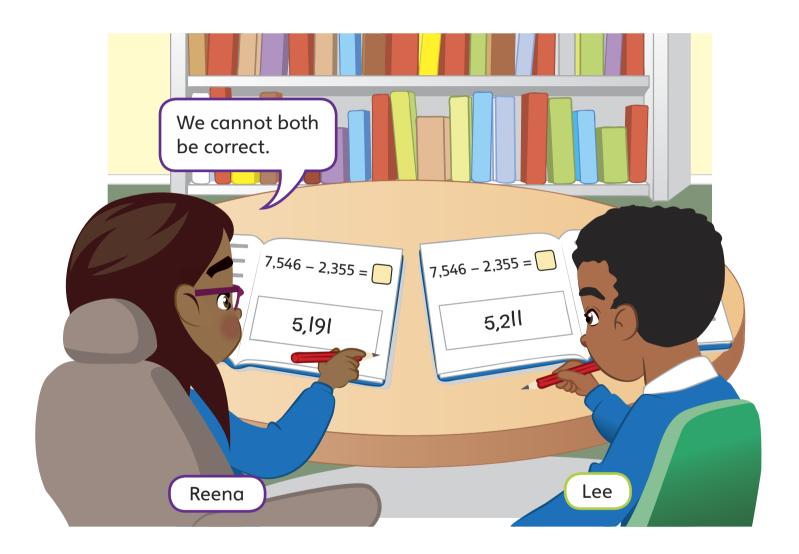
4,302 – 4,299

10,005 – 9,987



Using inverse operations

Discover



- **a)** What addition calculations can Reena and Lee do to check their answers? Who is correct?
 - b) What mistake has the other person made?