

Problem solving – addition and subtraction 2

- 1 A swimming pool contains 160,500 litres of water. Then 85,000 litres of water are added to the pool. Finally, 7,900 litres of water are removed from the pool. How much water is in the pool now?



There are litres of water in the pool now.

- 2 The two-way table shows how many toys Karl and Tex made in September and October.

	Karl	Tex
September	12,675	13,188
October	9,580	10,680

- a) Tex made more toys in total. How do you know that without doing any calculations?

- b) How many more toys did Tex make in total?



Tex made more toys in total.

- 3 These three numbers add to make 30,000.

12,840

7,319

?

What is the value of the missing number?



The missing number is .

- 4 There are three barrels of apples.

The first barrel contains 1,280 apples. The second barrel contains 480 more apples than the first barrel. The third barrel contains 276 fewer apples than the first barrel.

How many apples are there in total?

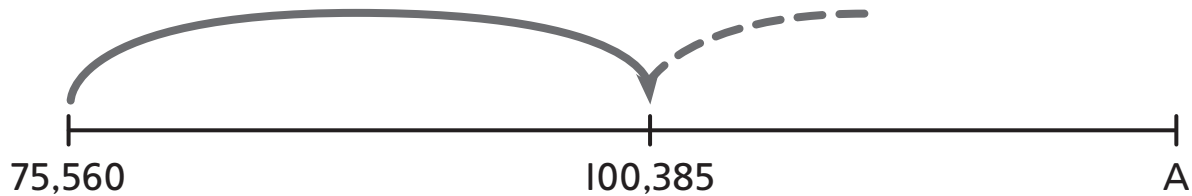


There are apples in total.

CHALLENGE

- 5 Kate makes jumps on a number line, adding the same amount each time.

She starts at 75,560 and the first number she gets to is 100,385.



- a) What number is at A?



- b) What is the first number above 200,000 that Kate will reach?



Reflect

Explain how you would work out which calculation has the bigger answer.

$$182,500 - 79,320$$

$$75,111 + 28,396$$





