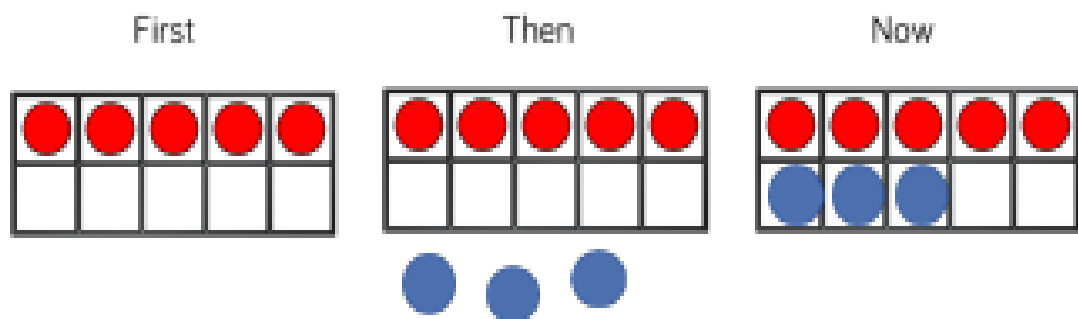


### Challenge 1

Use ten frames to complete the number story.



First there were \_\_\_ cars in the car park.

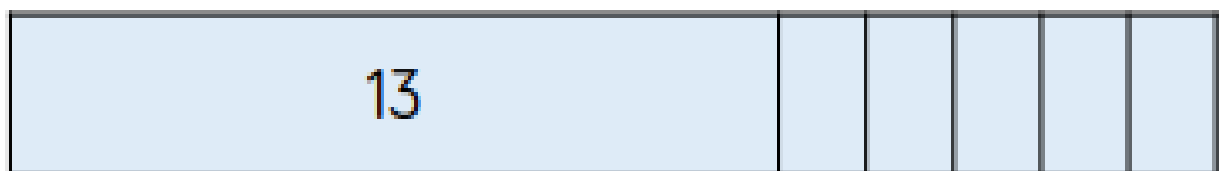
Then \_\_\_ more cars parked in the car park.

Now there are \_\_\_ cars in the car park.

Eva has 13 prize tokens.

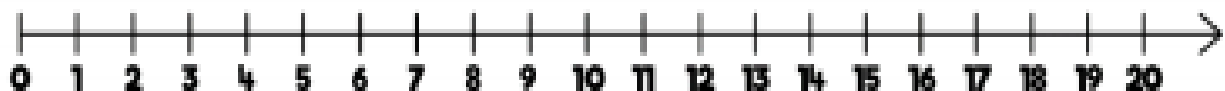
She wins 5 more.

How many prize tokens does Eva have now?



Mo starts at 9 and counts on 6       $9 + 6 = \square$

Show his calculation on the number line.



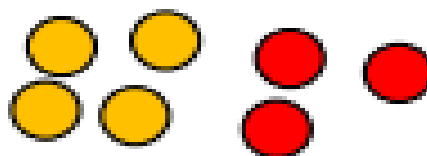
## Challenge 2

Use the diagram and counters to tell your own number story for these calculations:

$$0 + 12 = \underline{\quad}$$

$$7 + 0 = \underline{\quad}$$

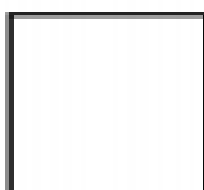
$$14 + \underline{\quad} = 17$$



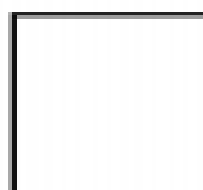
First



Then



Now



Mo and Jack are working out  $11 + 7$

Mo says,



11, 12, 13, 14, 15, 16, 17

Jack says,



12, 13, 14, 15, 16, 17, 18

Use a number line to show who is correct.



\_\_\_\_\_ is correct.

### Challenge 3

Ron starts at 9 and adds on 5

Alex starts at 5 and adds on 9

Show their calculations on the number lines.

What do you notice? Does this always happen?

Which method do you like best? Why?

