

When we count on, we are adding to what we already have.

For example,

$$6 + 3 =$$



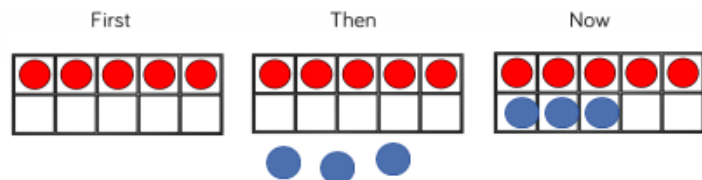
First there were 6 ants.

Then 3 more ants came along.

Now there are 9 ants.

Task 1 - Complete the number story.

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.

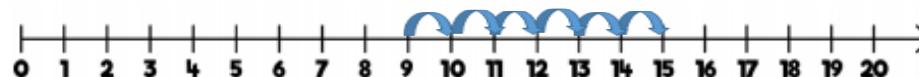
Challenge! Create your own number story.

Now let's have a go at using a number line to count on:

Example:

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

Show his calculation on the number line.



Task 2 - Solve these number problems using a number line.

1. $7 + 5 =$
2. $8 + 3 =$
3. $12 + 4 =$
4. $14 + 5 =$
5. $13 + 7 =$

Some trickier questions:

1. $32 + 7 =$
2. $43 + 5 =$
3. $59 + 6 =$
4. $68 + 8 =$
5. $71 + 9 =$

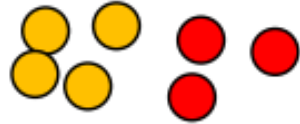
Finding this easy? Have a go at the following:

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.

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?

