Engage

Continue the number tracks below.

31			34		

		45			48

				67	

	13				

Finish the sentence..

1 more than 49 is ..

1 more than 26 is ..

1 less than 86 is..

1 less than 70 is ..

Key Learning to solve addition equations crossing tens

Success Criteria

I can count forwards and backwards accurately within 100
I can explain how to solve an addition equation
I can draw the tens and ones for each part
I can exchange ten ones for a ten rod
I can add the tens and ones together to find the total

Deepening correct the errors word problem how many ways

Recap

Introduce

Explain to your partner the steps we need to do to solve an addition equation when crossing tens.

Step 1: Write the equation

Step 2: Draw the tens and ones for each part neatly

Step 3: Count up your ones. When you get to 10 ones, stop!

Step 4: Cross out 10 ones and draw 1 ten rod

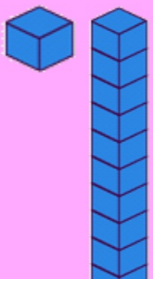
Step 5: Carefully count up the tens and ones

Step 6: Write the answer

Lets recap the method of adding crossing the 10 barrier.

$$8 + 5 =$$

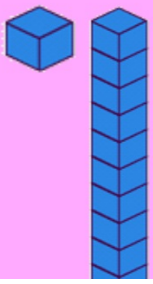
1. Draw the tens and ones.
2. Count the ones, STOP at 10.
3. Exchange 10 ones for 1 ten.
4. Carefully count the tens and ones.
5. Write your answer.



Lets recap the method of adding crossing the 10 barrier.

16 + 6 =

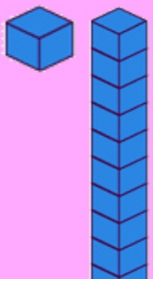
1. Draw the tens and ones.
2. Count the ones, STOP at 10.
3. Exchange 10 ones for 1 ten.
4. Carefully count the tens and ones.
5. Write your answer.



Lets recap the method of adding crossing the 10 barrier.

$$25 + 16 =$$

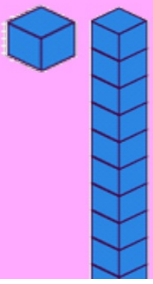
1. Draw the tens and ones.
2. Count the ones, STOP at 10.
3. Exchange 10 ones for 1 ten.
4. Carefully count the tens and ones.
5. Write your answer



Lets recap the method of adding crossing the 10 barrier.

$$34 + 28 =$$

1. Draw the tens and ones.
2. Count the ones, STOP at 10.
3. Exchange 10 ones for 1 ten.
4. Carefully count the tens and ones.
5. Write your answer.



Your turn!

Practise and consider

Draw the tens and one under each part, exchange tens ones for a ten rod and find the total:

Practise and consider

15 + 5 =

9 + 13 =

17 + 14 =

8 + 16 =

Use your addition knowledge to add together the animals at The Deep

Independent task

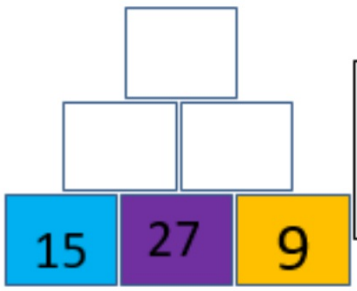
1. Pick two animals from the pack
2. Write the equation in your book
3. Solve the equation

27

35

Deepening

Complete the addition pyramid by adding the two blocks next to each



Write the missing number to make this number sentence correct.

9 + 7 − ☐ = 12

Oliver was making socks in the workhouse. He made 66 socks on Monday and 18 socks on Friday. How many socks did he make altogether?

Write the addition equation and solve:

22.3.22

Key Learning: to add two 2-digit numbers together crossing tens

Deepening

Ben and Sita count cars.

Ben counts **38** red cars.

Sita counts **33** blue cars.

How many cars do they count **altogether**?

☐ cars