Year 2 Mathematics Methods - Addition

Numberlines (2 digit + 1 digit not crossing tens)

Step 1- Draw a blank numberline and write the biggest number at the start.

Step 2- Do the same number of jumps as the smaller number.

Step 3- Under each new jump write the next number until you reach your answer.

Numberlines (2 digit + 1 digit crossing tens)

Step 1- Draw a blank numberline and write the biggest number at the start.

Step 2- What is the next multiple of ten I need to jump to? Using my numberbonds how many jumps do I have to do to get to the multiple of ten? Draw this on the numberline.

Step 3- Take away the number of jumps you have done from the number of jumps you need to do to work out how many jumps you have left to do.

Step 4- Do these final jumps to reach the answer.

Column addition (2 digit + 2digit not crossing tens)

Step 1- Write the two numbers one under the other and draw a line underneath. Make sure your tens numbers stay in 1 column and your ones numbers in another.

Step 2- Add the ones together, write the answer under the line, making sure it stays in the ones column.

Step 3- Add the tens together, write the answer under the line, making sure it stays in the tens column.

Partitioning (2 digit + digit not crossing tens)

Step 1- Partition both numbers into tens and ones by drawing the dienes blocks.

Step 2- Add the ones together (count the drawn dienes blocks to support).

Step 3- Add the tens together (count the drawn dienes sticks to support).

Step 4- Write the answer in the number sentence.

Numberlines (2 digit + 1 digit not crossing tens)

13+5= 18

Column addition (2 digit + 2digit not crossing tens)

24+12=36

 24

+ 12

 36

7

2

Partitioning (2 digit + digit not crossing tens)

16+32=48

 16 + 32

Numberlines (2 digit + 1 digit crossing tens)

13+9= 22

18

17

16

15

14

+1

+1

+1

+1

+1

13

+2

+7

22

20

13

Year 2 Mathematics Methods - Addition