Step 25 — Addition

I can solve any 2d + 2d

$$43 + 88 =$$

Remember to:
- partition the numbers
- write out the 2 new questions
- add the units
- add the tens
- add the units answer to the tens answer

F A B

To add any 2d number to another then one must be able to cope with crossing 10 in both the units and the tens. It follows therefore that two progressive mini-steps
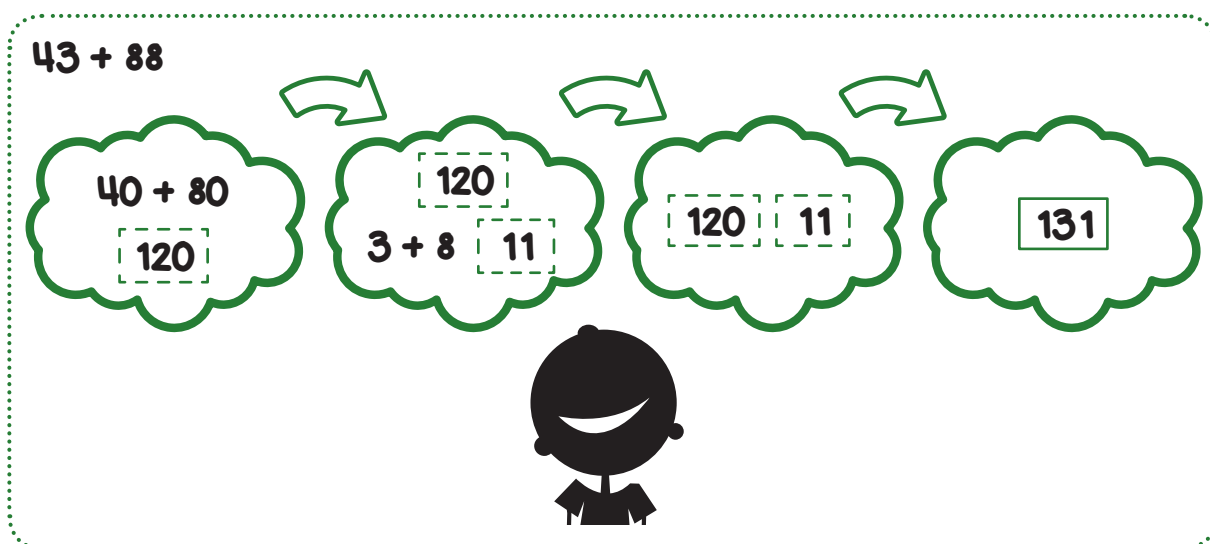
in questions given to learners would be to:

1. just have the units digits crossing tens, but no crossing 10 necessary for the tens digits

2. just have the tens digits crossing 100, but no crossing 10 necessary for the units digits

It is worth reminding the learners that the tens 'answer' can't be more than 180 and the units 'answer' can't be more than 18, and to show why that is the case.

The FAB progression is the same as for the previous step. This is a key skill in the whole of the CLIC journey so it is well worth ensuring children can confidently mentally add any two 2d numbers. Without this ability being 'second nature' the remainder of this progress will be a struggle...with the skill mastered, it will be easy!

This key FAB journey is outlined in a visual format on the next page

As with Step 24, the brain only moment will itself be built up gradually.

43 + 88

$40 + 80$ → 120
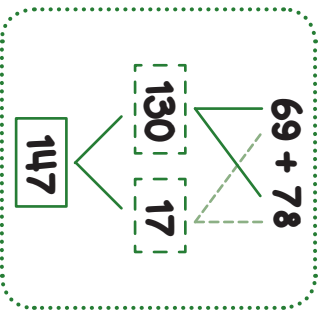
120 ... $3 + 8$ → 11

120 ... 11

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Again, after the learner has completely mastered this step we can then develop the column method of addition. Except now we can link the high understanding of the method here to the concept of 'carrying' as we move along the columns. More information is provided in the book, 'The Big Maths Column Methods'.
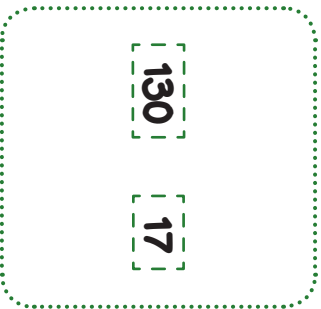
FAB Maths Addition Step 25: Any 2d + 2d
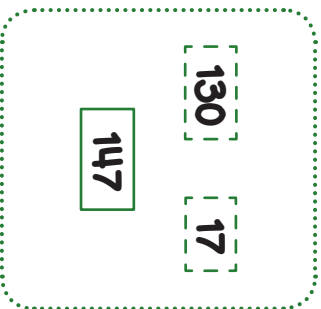
69 + 78

69 + 78

130   17

147

Remember to:
- write out your full written method
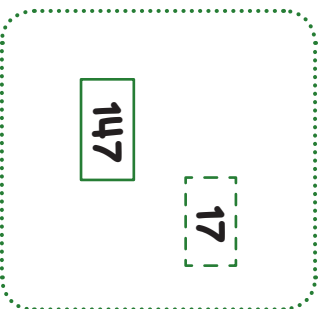
130   17

Remember to:
- write down the Learn Its total
- write down the multiple of 10 total
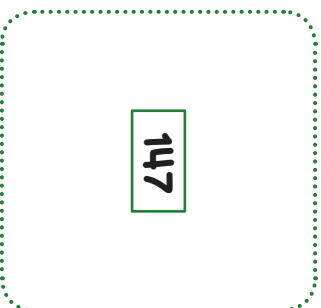
130   17

147

Remember to:
- write down the 2 numbers
- add them up to find the total

147   17

Remember to:
- just write the units total
- hold the other number in your brain

147

Remember to:
- hold both numbers in your brain
- add them in your brain
- write down just the answer

F ———— **A** ———— **B**