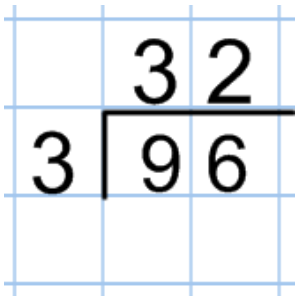
Abstract Approach

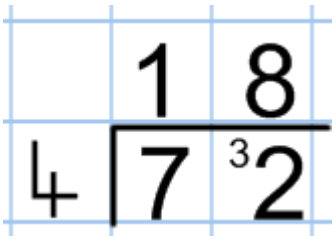
Formal written method for division (short)



No remainders- no carrying invloved

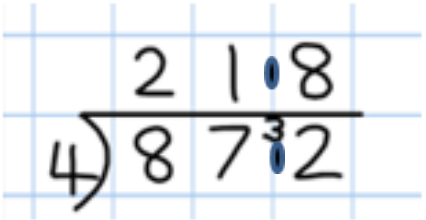
Each digit is a multiple of the divisor (3) so there will be no remainders

- How many groups of 3 are in 9? Children need to be reminded the 9 represents 9tens. We are actually asking: how many groups of 3 are in 90?
- Three groups of thirty make 90. Record the 3 above the 9 tens.
- How many groups of three are in six? Remind the children the 6 represents the ones.
- Three groups of 2 make 6. Record the 2 above the 6 ones.
- 96 ÷ 3 + 32



Remainders- carrying invloved

- How many groups of 4 are in 7 (remind the children the value of the digit and we are actually looking at how many groups of 4 are in 70)
- There are four groups of 10 (4 x 10 = 40) in 70 and 30 remaining
- The remainder is recorded next to the next place value column.
- How many groups of 4 are in 32?
- There are 4 groups of 8 in 32 and none remainding



Decimal numbers

- The same steps as above are taken, but children need to include the decimal point in the calculation and their answer

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