

Adam, Marcus and Evie count the money they have in their pockets.

Adam has 10p more than Marcus.

Marcus has 5p more than Evie.

Altogether they have 80p.

How much money does each child have?



show
your
working

Adam:

Marcus:

Evie:

Zac buys 2 apples and 3 bananas. He pays £3.05.

Archie buys 2 apples and 6 bananas. He pays £4.70.

How much does 1 banana cost?

How much does 1 apple cost?



£3.05



£4.70

show
your
working

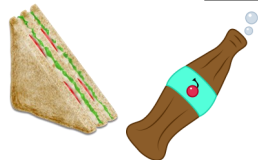
banana:

apple:

Nick buys a sandwich and a drink. He spends £6.50.

The sandwich costs £3.10 more than the drink.

How much do they each cost?

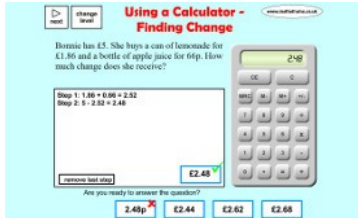


show
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working

sandwich:

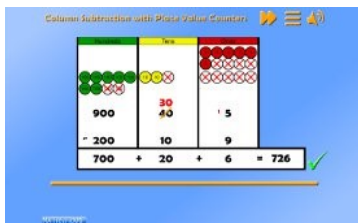
drink:

Useful interactive games to teach the skills needed for solving 2 step addition and subtraction problems:



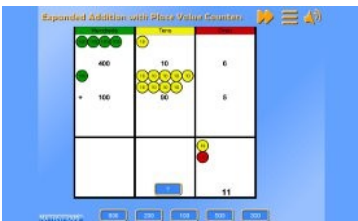
http://mathsframe.co.uk/en/resources/resource/154/using_a_calculator_finding_change

Interpret a two step word problem and use the calculator to solve.



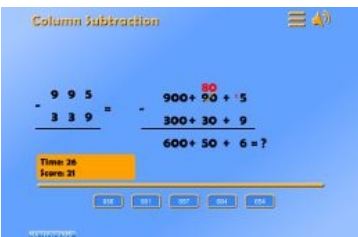
http://mathsframe.co.uk/en/resources/resource/242/Column_Subtraction_using_Place_Value_Counters

Uses place value counters to help children 'see' the need for exchanging / borrowing.



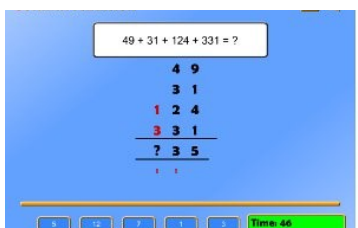
http://mathsframe.co.uk/en/resources/resource/241/Expanded_Addition_using_Place_Value_Counters

Uses place value counters to help children 'see' the carrying, as 10 ones are transformed into a ten counter, or 10 tens are transformed into a 100 counter.



http://mathsframe.co.uk/en/resources/resource/48/column_subtraction

Practise column subtraction. Lots of choice over level. Scaffolds the process, so is a good starting point before moving on to independent written methods.

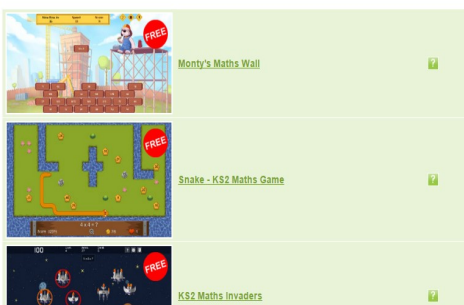


http://mathsframe.co.uk/en/resources/resource/22/column_addition

Practise column addition. Lots of choice over level. Scaffolds the process, so is a good starting point before moving on to independent written methods.

Addition and Subtraction

Interactive maths games to support the teaching of addition and subtraction.



http://mathsframe.co.uk/en/resources/category/9/addition_and_subtraction

Lots of games to practise quick recall of addition facts and number bonds, which are vital skills for formal addition.

Answers: 1) Adam - 35p, Marcus - 25p, Evie - 20p 2) apple - 70p, banana 55p 3) sandwich - £4.80, drink - £1.70

I would expect able children in Y6 to use trial and improvement to answer questions 1 and 3 and then I would use them to introduce algebraic thinking. i.e q3) $s + d = £6.50$, $s = £3.10 + d$, so $(£3.10 + d) + d = £6.50$, $£3.10 + 2d = £6.50$, $2d = £3.40$