

Year 2 – Maths

Over the next two weeks you are going to learn strategies that will help you when you have to calculate with numbers that are too big to work out in your head.

Week 1

Expanded written addition – column addition

I would like you to practise the column addition strategy that we learnt in school. Remember, practising makes us really confident.

Day 1- Practising the strategy

Remind yourself what column addition is and how to do it by watching this clip (ask an adult)- https://www.youtube.com/watch?v=Oh0l3-ox_A

Now go through the Powerpoint (Day 1 Introduction to column addition).

You could make tens and ones at home- pencils for tens and buttons or 1p coins for ones

Look at top tips (see attachment- Top tips for expanded column addition)

Task: Complete attachment – Day 1

Use attachment - Place value chart needed from day one

Day 2- Applying the strategy

Today you are going to use the column addition strategy to solve word problems.

Remember to highlight/underline key information in the word problem.

For example:

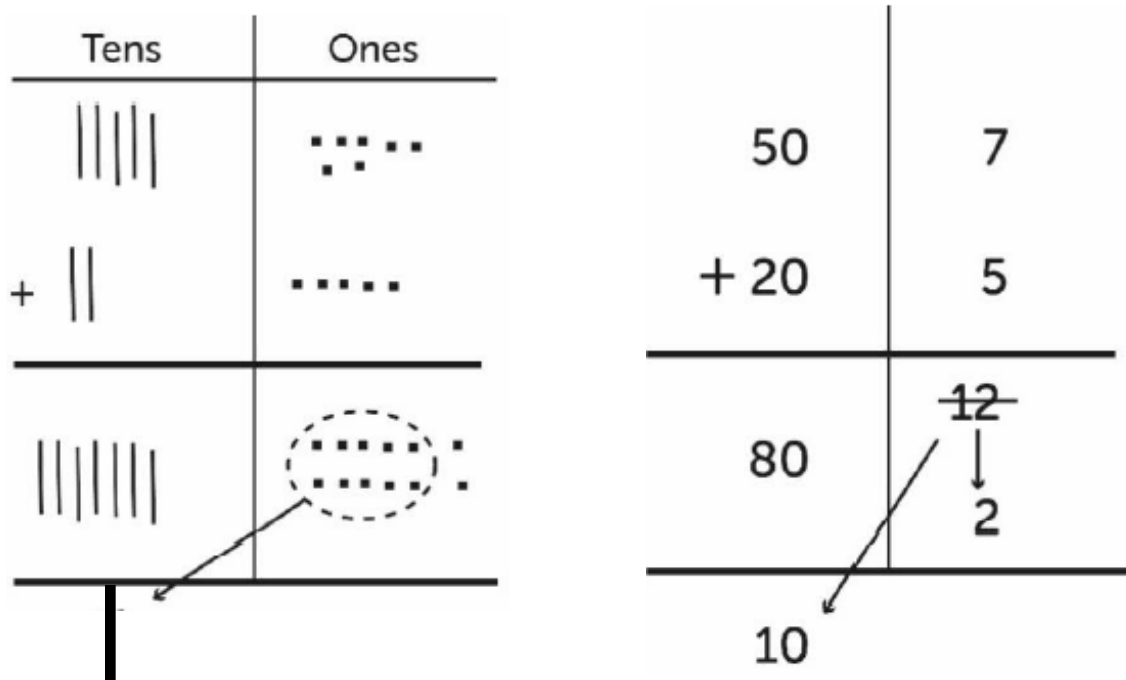
Miss Dell had 27 stones in her garden and she bought 62 more. How many did she have altogether?

Task: Complete attachment- Day 2

Use attachment - Place value chart needed from day one

Day 3- Column addition with regrouping

Today you are going to use the column addition BUT... you might just need to regroup ten sad lonely ones for a strong ten.



When your ones are more than ten you need to regroup them and show that there is now another ten in the tens column.

Go through the Powerpoint (Day 3) to practise this skill.

Task: Complete attachment day 3

Day 4- Applying column addition with regrouping

Today you are going to use the column addition strategy to solve word problems.

Remember to highlight/underline key information in the word problem.

Task: Complete attachment- Day 4

Day 5- What will you buy at the shops?

If you're at home, you can set up your own little shop with items to buy and price tickets up to £100.

If you're at school, we will do the same.

Today you are going to visit the shop 5 times! Each time you are going to buy a maximum of three items. I would like you to calculate the cost of the three items using the strategies that you have learnt this week.

Week 2

Day 6- Subtraction

Today you are going to learn how to subtract with no regrouping.

Look at the top tips- See attachment: Day 6 Subtraction poster

Go through the Powerpoint attachment- Day 6 Introduction to column subtraction

Task: Complete attachment Day 6 and Day 7- first worksheet – no exchanging

Day 7- Subtraction

Today you are going to be regrouping... knocking next door to ask to borrow a ten!

(Ask an adult first) Watch this video to help you-

<https://www.bbc.co.uk/bitesize/topics/zy2mn39/articles/zc78srd> - Though this is for KS2, it is a good video to show you how to regroup.

Task: Complete attachment Day 6 and Day 7- second worksheet

Day 8- Addition and subtraction problems

Over the next three days, I would like you to practise these skills and become confident at knowing when you need to add, subtract, regroup or not!

Choose at least 10 tasks to solve

Task: Complete attachment Day 8

Day 9- Addition and subtraction problems

Choose at least 10 tasks to solve

Task: Complete attachment Day 9

Day 10- Addition and subtraction problems

Task: Complete attachment- Day 10

Optional challenge: Day 10 extra challenge