

Part 1



Welcome

Punctuality Reminder



Minutes late per day	What this adds up to over a year
5 minutes	3.5 days
10 minutes	7 days
15 minutes	10.5 days
20 minutes	14 days
30 minutes	21 days
Plus any time off for illness	



AIMS:

- Highlight the areas of learning within addition and subtraction in year 2.
- To provide a step-by-step explanation to year 2 addition and subtraction.
- To share ideas about how you can support your child's learning at home.

What Are Children Taught about Addition and Subtraction in Year 2?

In year 2, children are taught to:

- continue using addition and subtraction number facts to 20;
- Learn number facts up to 100;
- Add and subtract a two-digit number (for example 54) with ones, tens and other 2-digit numbers;
- Add three one-digit numbers;
- Solve missing number calculations using the inverse relationships between two numbers (such as knowing that $3+7 = 10$ means that $10 - 3 = 7$)

Add Three One-Digit Numbers

In school, we encourage children to use their knowledge of numbers to help them add three one-digit numbers in the quickest and easiest way.

For example, when completing this calculation $7 + 6 + 3$, you can use knowledge of number bonds to quickly spot that $7 + 3 = 10$. Then complete $10 + 6 = 16$.



Add Three One-Digit Numbers

Another example is when completing this calculation $5 + 4 + 4$, you can use knowledge of doubles to quickly spot that $4 + 4 = 8$. Then complete $8 + 5 = 13$.



Add two 2-digit numbers

Add two 2-digit numbers

Partition the numbers into 10s and 1s.

$$\begin{array}{cc} 26 & + & 53 & = \\ \swarrow & & \swarrow & \\ 20 & & 50 & \\ \searrow & & \searrow & \\ & 6 & & 3 \end{array}$$

Success Criteria:

1. Add the 10s
2. Add the 1s
3. Add the totals.

$$20 + 50 = 70$$

$$6 + 3 = 9$$

$$70 + 9 = 79$$

Applying Addition into Problem Solving and Reasoning:



Resilience

Problem Solving

$$52 + \underline{\quad} = 74$$

How could we work this out?

Problem solving:

4.00

You just spent 83p. What might the two things you bought have cost? List as many ways as you can.

List the answers in your book.

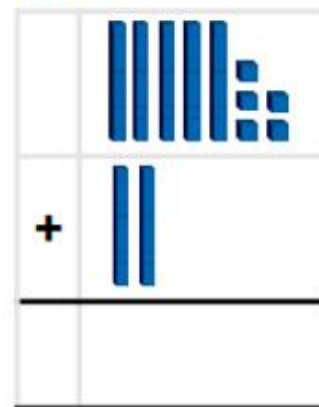
Problem Solving:

5.00

Tom has 35 toy cars. He bought 44 more, how many toy cars does he have altogether? _____

71 + 23	7 tens + 2 tens = _____ 1 one + 3 ones = _____	_____ tens + _____ ones = _____
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6b. Choose the correct answer from the options below to complete the Base 10 calculation.



70

57

75



6a. Use the digits below to create an addition calculation that totals 75.

6 2 1 3

+		
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6b. Use the digits below to create an addition calculation that totals 68.

5 2 4 3

+		
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