Adult Guidance with Question Prompts Diving into Mastery - Diving

base ten blocks to help with this. Children need to be confident with number bonds to 10, 20 and 100 (tens only). Children may require a hundred square and

How many squares are shaded?

How do you know?

How many are in one row/column?

How can we quickly work out how many are unshaded?

Can you represent the number with base ten blocks?

How many more do we need to make 100?













Adult Guidance with Question Prompts Diving into Mastery – Deeper

combined, the total is 100. Children could use base ten blocks or a hundred square to help them represent the calculation. tens must add up to 90 so that, when the ones and tens are Children often make the mistake of adding one ten too many. They need to remember the ones must add up to ten and the

How could we represent this calculation?

Show me how. Could you use a hundred square/base ten blocks to help you?

How could we check if 76 is the correct answer?

Can you show me what happens when you add 34 and 66?

What mistake has Sam made?





Sam and Ameena are trying to work out the missing number. Who do you agree with? Explain why.







Quality Standard

	visit twinkl.com
	Can you explain all the patterns you can see in these calculations?
Explain the patterns.	How can you be sure?
you spot?	Have you found all the ways?
What patterns can	Why?
ways can you Jina?	What will the total of the tens be?
How many different	How do you know?
	Will that always be true?
	Why?
	How many ones will the number need to have?
	What will you start with?
+ 9 = 100	How can you work systematically to find all the answers?
	for it to add to a number with nine ones to make ten.
using the digits 1 to 9.	Children should be encouraged to work systematically to find all the possible solutions. They should quickly realise that the first number will always need to have one in the ones column
Complete this number bond to 100	Adult Guidance with Question Prompts
Bonds to 100 - Tens and Ones	Diving into Mastery - Deepest

Ö.