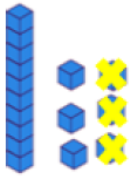
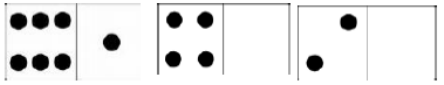
Complete work in the exercise books provided

	National Curriculum Statement	All students		
		Fluency	**Reasoning**	**Problem Solving**
Addition and Subtraction	Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.	• What word could be used in the calculation below? 19 ▭ 12 = 7 • There were 5 people in the cinema and 13 people joined them. Can you write a calculation to show this? • Use the cards below to create a mathematical statement. **17 | 9 | 6** **14 | - | 5** **+ | 11 | =** • Write the calculation that describes the picture:  • Kate and Tom have 21 stickers. Tom has 11. How many does Kate have?	• A year one class have been using the equals sign. Their teacher presents them with the following calculation: 17 + 3 = 30 – 10 They are confused why the teacher has put 30 after the equals sign and not 20. Can you explain this to them? • The following numbers are given to two children. 14, 6, 20 Harjas says, "I will use an addition sign for this calculation." Kaemon says, "This will need a subtraction sign." Who is right? Explain why. • Explain what the missing numbers or symbols are and how you know. If need to, draw a picture to help you 1__ + 7 = 18 17 __ 15 = 2 17 - __ = 9 20 - __ = 12	• Using the buckets, find different ways to make 20, 13, 15. You can use the numbers more than once. • Using the digits 0-9, how many calculations can you create? Have you used a strategy? • Two numbers added together make 8. The difference between them is 2. What are the two numbers? • Using the dominoes, make numbers less than 20. How many calculations can you create? 

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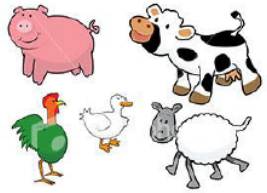
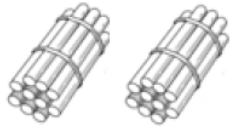
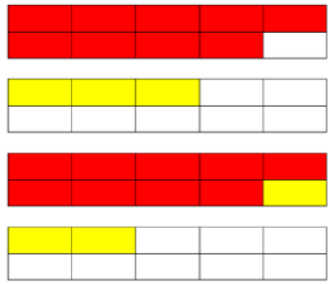
Addition and Subtraction	Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems.	• A farmer had 35 sheep. He sold 8 of them to his farmer friend. How many does he have left? • Each animal got one bag of food in the morning and one at night. How many bags of food are used in a day?  • A man counted 38 red and blue cars in an hour. 9 of the cars are red. How many blue cars does he count? • There are 15 people on the bus. At one stop 7 people get off. How many people are left on the bus? The bus can hold 20 people. How many spare seats does it have?	• There are 7 flowers in a vase and Kelsey is holding 8 in her hand. She wants to know the total number of flowers but doesn't know whether to add or subtract. Can you explain what she needs to do? • I have 4 more sweets than Olivia. How many sweets must I give Olivia so that we have the same number of sweets? Explain how you know. • Tom gives ten of his straws to Emma. How many straws does Emma now have? • What if Emma then gives 5 of her straws to Ali. How many straws will they each have? Tom has these straws  Emma has these straws Ali has eight straws	• Phil is using ten frames to solve 9 + 3. He moves one over to make 10 + 2. He says, "This is the best way to do this sum." Do you agree? What other ways can you make 12? Justify which is the best way.  • At a park there are 37 wheels. There are some scooters with 2 wheels and some scooters with 2 wheels. How many 2 wheel and 3 wheel scooters could there be? Find two ways to do it.