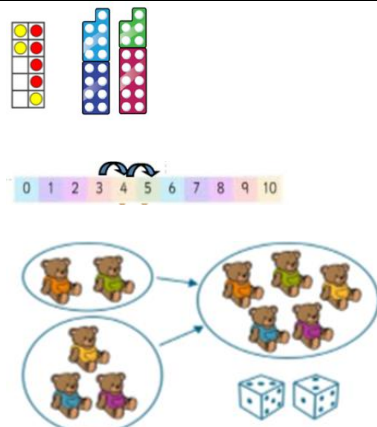
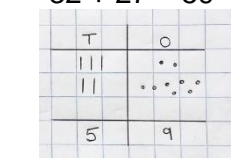
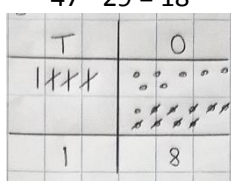
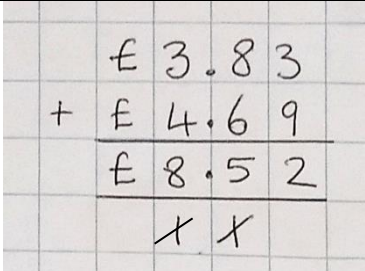
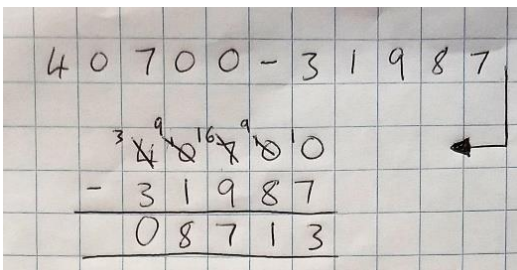


Calculation Policy

Concrete – children have the opportunity to use physical, real-life objects and manipulatives to help them understand the maths that they are doing. This could include: counting bears; hundreds, tens and ones materials; counters.

Pictorial – children build on the concrete approach by using pictorial representations.

Abstract – once children have developed a confident understanding through the concrete and pictorial representations, they are able to move onto more abstract methods of the formal written methods.

Concrete	Pictorial	Abstract
 <p>Concrete representations include a 100 square, a number line from 0 to 10, and teddy bears used for counting and grouping.</p>	<p>$32 + 27 = 59$</p>  <p>$47 - 29 = 18$</p>  <p>Pictorial representations use a 100 square to show the addition and subtraction of numbers.</p>	  <p>Abstract representations show the formal written methods for addition and subtraction, including decimal numbers and large numbers.</p>

