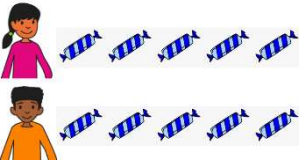
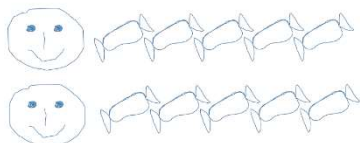
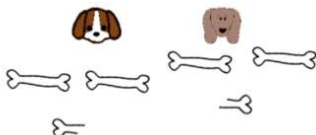


Calculation Policy

EYFS Divisio

	Mental Strategies	Concrete	Pictorial	Abstract	Vocabulary	Models, Images and resources
EYFS	The ELG (Early Learning Goals) states that children solve problems, including doubling, halving and sharing. Children need to see and hear representations of division as both grouping and sharing. Division can be introduced through halving. Count in twos; fives; tens both aloud and with objects.	Grouping Model Rose has 6 socks. She grouped them into pairs – how many pairs did she make?  Sharing Model I have 10 sweets. I want to share them with my friend. How many will we have each? 	Grouping Model Children to draw the concrete resources they are using.  Sharing Model Children to draw the concrete resources they are using. 	Grouping Model Write the number sentence 6 socks make 3 groups of 2 Sharing Model 10 sweets shared between 2 equals 5 sweets each	Share Sharing grouping Equal groups Left over Half halving	100 square Number lines Number tracks Bead strings (for children) Bead bar Tens Frame Numicon Place Value Disks Cuisenaire Base tens and ones
	Useful IWB links for manipulatives	Although not explicit in the Development Matters document, the sharing model is a useful way of introducing young children to simple halves as fractions. Setting the problems in real life context and solving them with concrete apparatus will support children's understanding. "I have got 5 bones to share between my two dogs. How many bones will they get each?"  https://www.coolmath4kids.com/manipulatives/base-ten-blocks https://mathsbot.com/manipulatives/placeValueCounters https://mathsbot.com/manipulatives/bar https://classroomsecrets.co.uk/free-year-1-part-whole-model-iwb-addition-and-subtraction-activity/ https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Ten-Frame/ http://www.ictgames.com/mobilePage/tenFrame/index.html				