## William Barnes Whole School Bar Modelling Progression

Year Group R	
Context – Making the link between real objects, pictures and apparatus.	Context - Moving from concrete to abstract with paper strips.
Context – Children represent their bonds to five using counters, numerals and bars	Context – Children use bar models to represent 10s frames and learn about the commutative law.
Use the pattern to complete the number sentences. 0 + 5 = 5 $1 + = 5$ $2 + = 5$ $3 + = 5$ $4 + = 5$ $5 + = 5$	
Context	Context







Year Group 4	
Context	Context
± of 25	? + 3212 = 6703
25	6703-3212
25÷5=5	
Context	Context
There are 15 girls and 7 boys in a class. If they	A bag of oranges cost £1.20. How much
are split between two classrooms, how many are	is one orange?
there in each classroom?	
22	£ 1.20 30p 30p 30p 30p
22	$f 1.20 \div 4 = 30p$
ANS: Il children	
Context	Context
Sally has 32 stickers. $\frac{1}{4}$ are dogs, $\frac{1}{2}$ are cats and the rest are rabbits? How many of the stickers are rabbits? $\boxed{32}$ D C R $32 \div 4 = 8$ ANS: 8 are rabbits	



