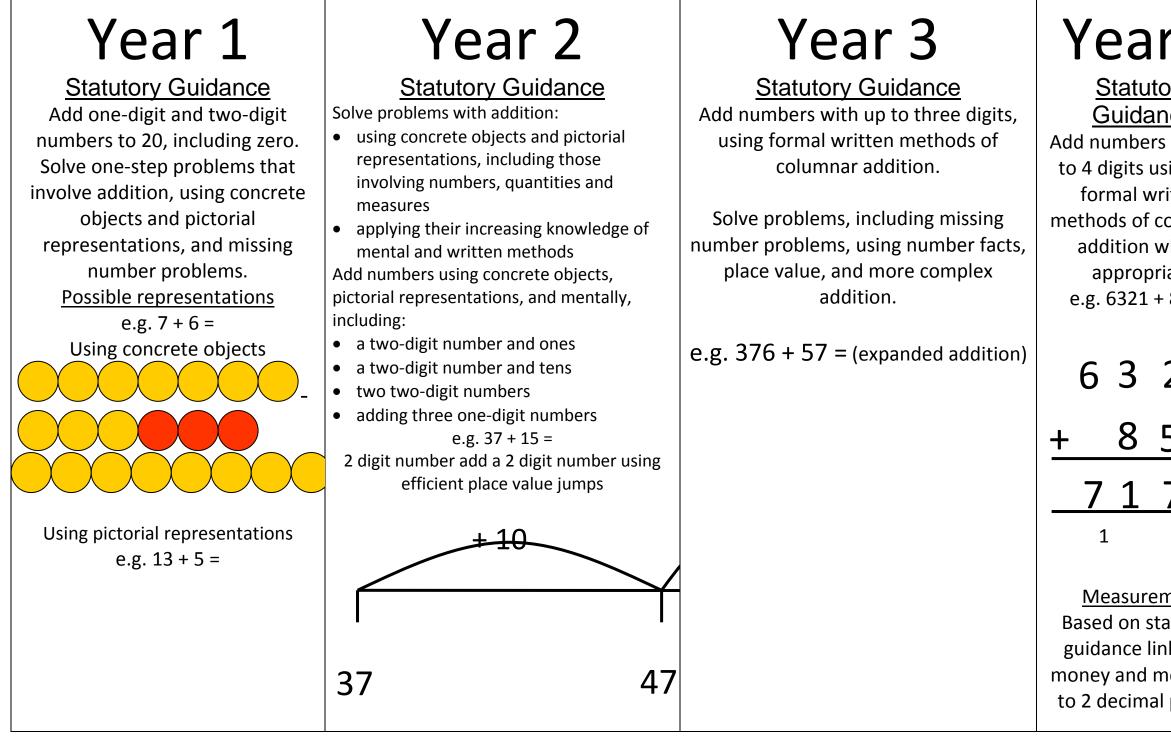


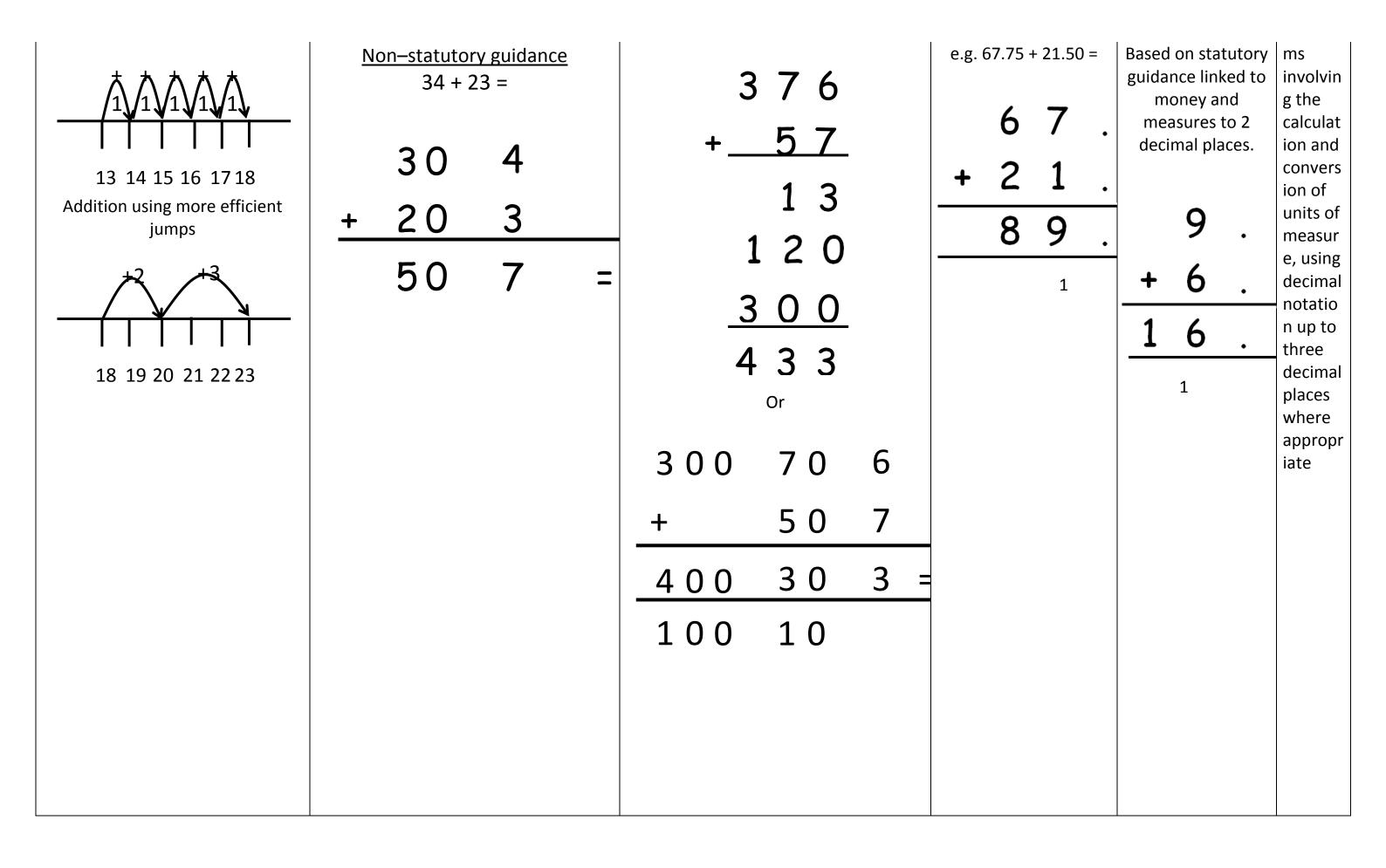
Calculation Policy

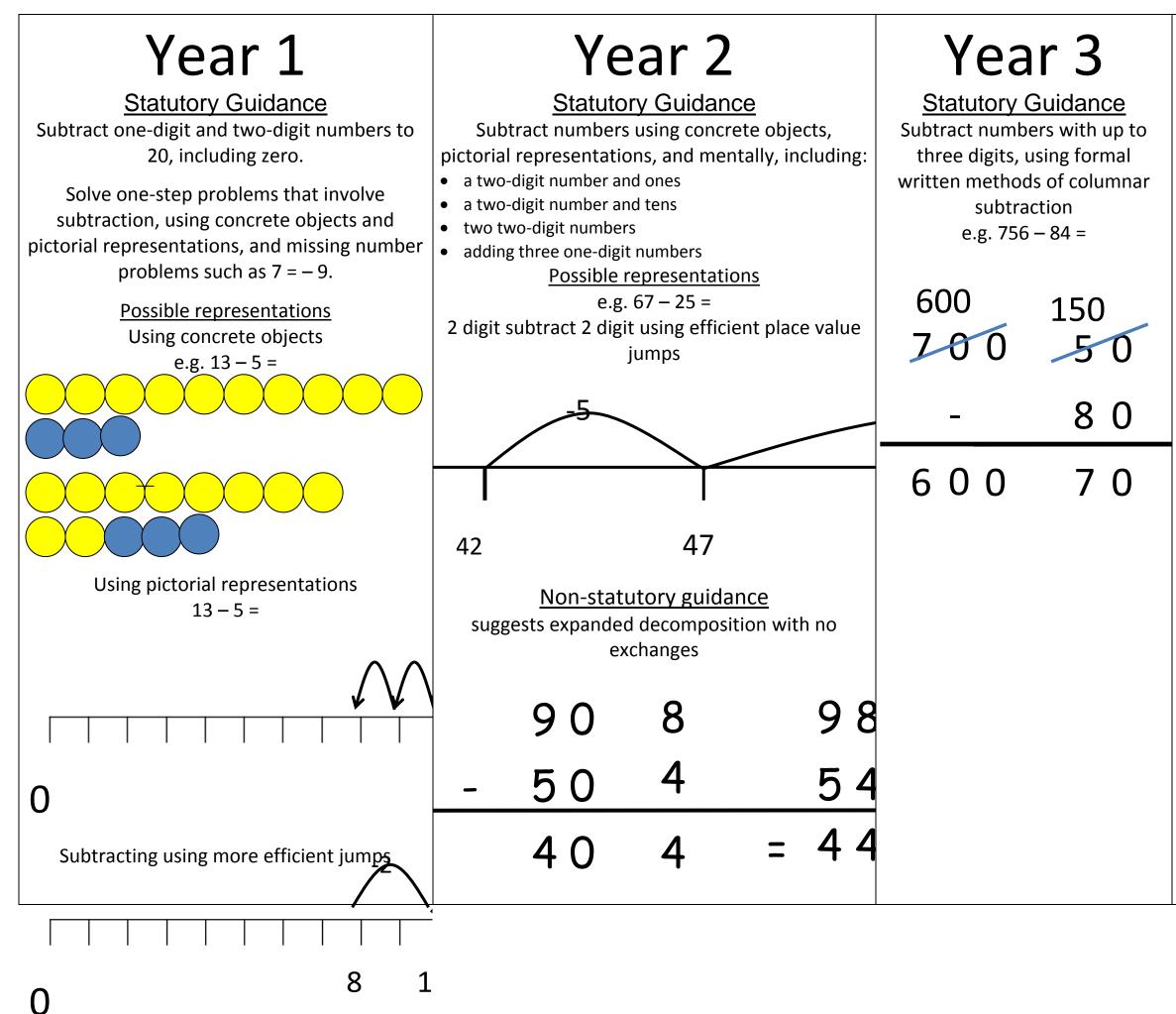


Draft progression in written calculation strategies for addition (Examples indicate end of year expectations)



r 4	Year 5	Ye
ory	<u>Statutory</u>	<u>Statut</u>
nce	Guidance	ory
with up	Add whole	Guida
sing the	numbers with	nce
itten	more than 4 digits,	Solve
olumnar	including using	additio
vhere	formal written	n multi-
iate	methods	step
858 =	(columnar	proble
	addition)	ms in
~ 4		context
2 1	e.g. 12478 + 73649	S,
	=	decidin
58		g which
50	1 0 1	operati
7 Q	124	ons and
<u> </u>		method
	+ 7 3	s to use
	- 7 5	and
<u>ment</u>	1 0 0	why
atutory		
nked to	1	<u>Measur</u>
neasures		<u>ement</u>
places.	<u>Measurement</u>	Solve
	measurement	proble





Year Year **Statutory** Guidance Subtract numbers with up to 4 digits using the formal written methods of columnar subtraction where appropriate e.g. 8417 – 3908 = 7 3 9 4 5 Nonstatutory guidance Linked to money and measures¹(2 definal

Subtract whole numbers with more than 4 digits, including using formal written methods (columnar subtraction) e.g. 12407 -9614 = 1_{2} \cap 9 6 2 Measurement Use all four operations to solve problems involving 1 measure [for example,

Statutory

Guidance

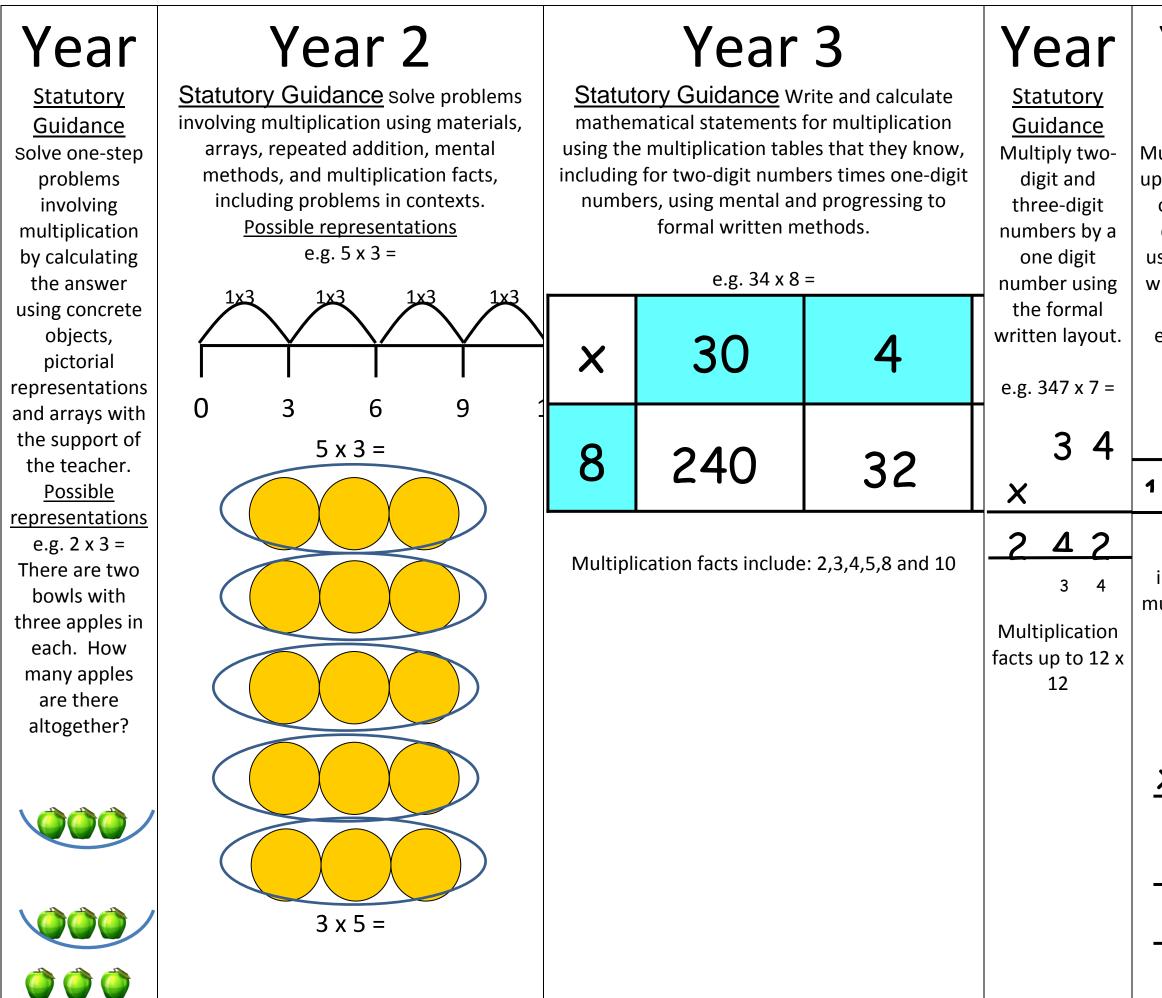
Y Statu tory Guid ance Solve subtra ction multistep proble ms in conte xts, decidi ng which operat ions and metho ds to use and why. Meas ureme nt

Solve

proble

3 9

2



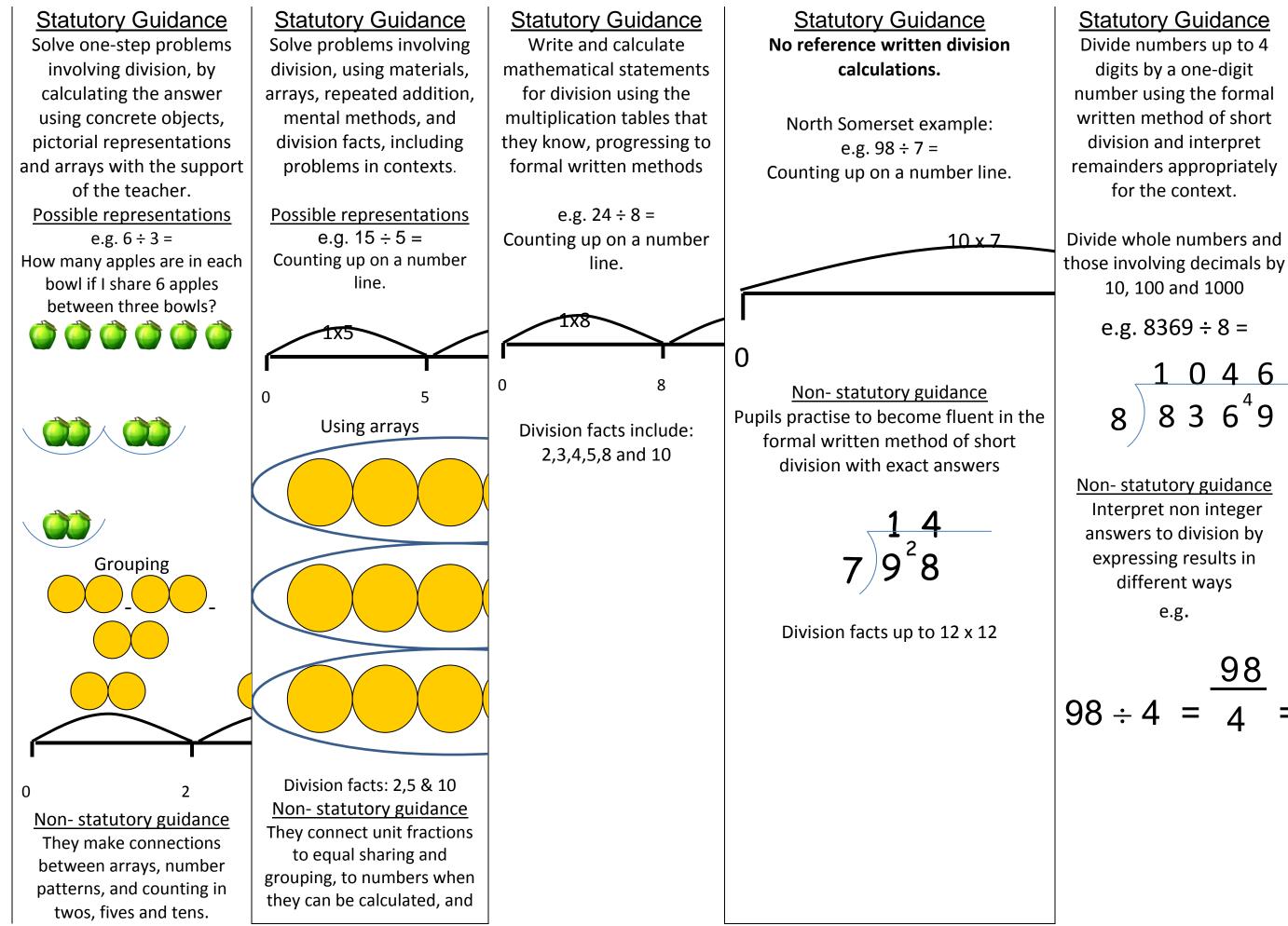
Year	Y	'e	a	r E	5
<u>Statutory</u> <u>Guidance</u>	<u>Statutory Guidance</u> Multiply multi-digit				
1ultiply numbers p to 4 digits by a	numbers up to 4 digits by a two-digit				
one – or two- digit number	whole number using the formal written				
using the formal vritten method,	method of long multiplication.				
e.g. 2741 x 6 =	e	.g. 2	741 x	(66 =	
-			4 2	2	Λ
274			2	/	4
X			<u>X</u>		0
$\frac{6}{4}$ $\frac{4}{2}$		1	6	4	4
4 Z				-	
. –	1	6	Δ	4	6
including long nultiplication for	1	6 8	⊿ ∩	4 9	6 0
•••	1	6 8 1	<u>⊿</u> ∩	4 9	6 0
nultiplication for two-digit	1	rom		tions	6 0
nultiplication for two-digit numbers	1	rom <u>se</u>	ectior	tions	6 0
nultiplication for two-digit numbers 2	1	<u>-</u> se ultip nbei	<u>ectior</u> ly on rs wit	tions <u>n</u> : e-dig h up	to
nultiplication for two-digit numbers 2	1 M nur two	<u>se</u> se ultip nbei deci	<u>ectior</u> ly on rs wit mal p	<u>tions</u> <u>n</u> : e-dig	to 5 by
nultiplication for two-digit numbers 2	1 M nur two	<u>se</u> se ultip nbei deci	<u>ectior</u> ly on rs wit mal p	tions <u>n</u> : e-dig h up blaces	to 5 by
nultiplication for two-digit numbers 2	1 M nur two	<u>se</u> se ultip nbei deci	<u>ectior</u> ly on rs wit mal p	tions <u>n</u> : e-dig h up blaces	to 5 by
nultiplication for two-digit numbers 2	1 M nur two	<u>se</u> se ultip nbei deci	<u>ectior</u> ly on rs wit mal p	tions <u>n</u> : e-dig h up blaces	to 5 by



Year 1 Year 2 Year 3 Year 4

X	2 6	•	4	1
	4	-	4	6
	2			

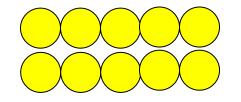
Year 5 Year



$$\frac{98}{3 \div 4} = \frac{98}{4}$$

Statutory Guidance

Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context. Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context. Long division e.g. 432 ÷ 15 =



(With support of the teacher)

to measures, finding fractions of lengths, quantities, sets of objects or shapes.

