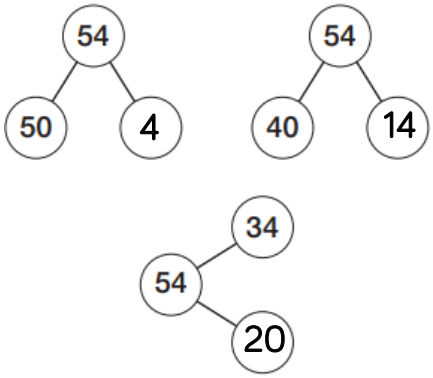
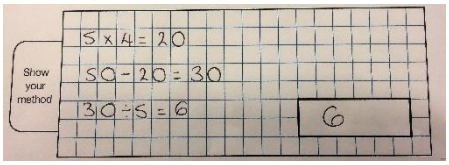
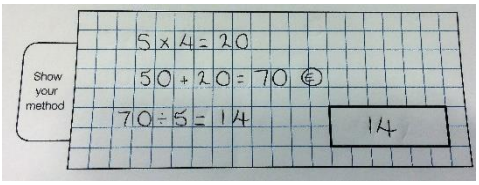
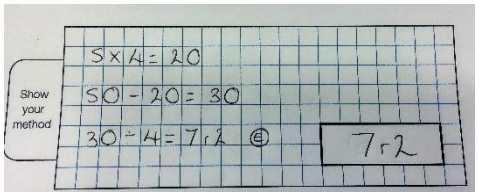
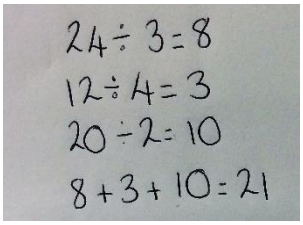
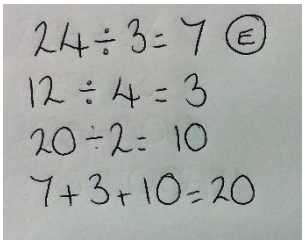
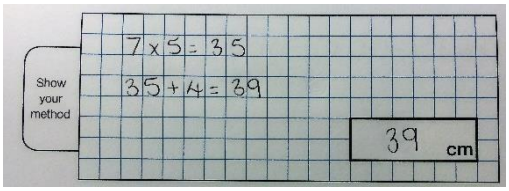
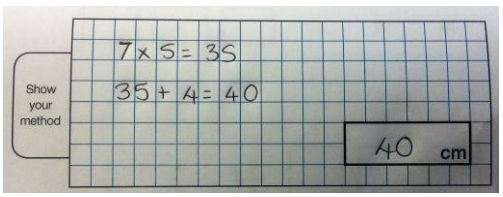
Year 3 – Reasoning and Problem Solving – Autumn

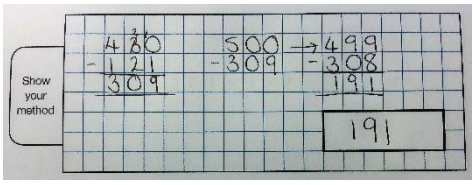
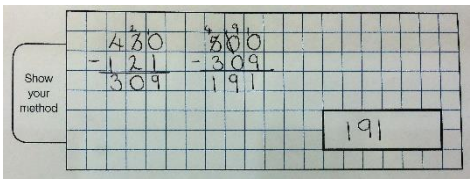
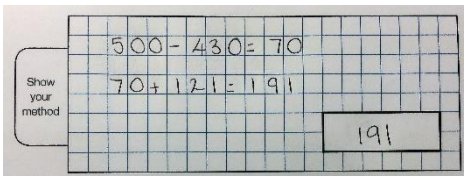
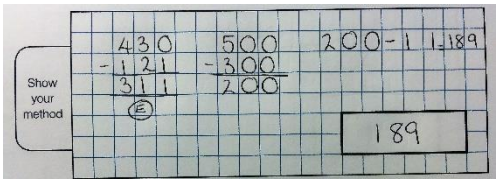
General Marking Principles

- Allow answers given in words unless otherwise instructed. Ignore spelling errors providing intention is clear.
- A reversed digit is acceptable if it is clearly recognisable as the digit intended.

Question	Answer	Marks	Notes and guidance
1	10,30,50,100	1	Award 1 mark for all 4 numbers correctly identified. Accept any other clear way of indicating the correct answers. **Do not** award the mark if additional numbers are indicated, unless it is clear the correct numbers are the pupil's final choice
2	Eight hundred and nineteen	1	**Do not** accept 819 Must be written in words.
	820	1	
3		2	**Award 2 marks** for 3 numbers correctly completed. **Award 1 mark** for any 2 numbers correctly completed.
4	63 63	1	Award 1 mark for both numbers correctly completed.
5	4	1	
	16	1	
6	43	1	

7	6	2	**Award 2 marks** for the correct answer of 6 e.g.  If the answer is incorrect, **award 1 mark** for a full method with no more than one error, e.g.  
8	861 > 681 > 186 > 168	1	Award 1 mark for all four numbers correctly ordered.
9	289	1	
10	1 more than 907 is 908 343 is ten more than 333 100 less than 777 is 677 500 is 2 hundreds less than 700	2	**Award 2 marks** for all four numbers correctly completed. **Award 1 mark** for at least 2 numbers correctly completed.
11	362 − 153 = 209	2	**Award 2 marks** for all three numbers correctly completed. **Award 1 mark** for 2 numbers correctly completed.

12	21	2	**Award 2 marks** for the correct answer of 21 e.g.  If the answer is incorrect, **award 1 mark** for a full method with no more than one error, e.g. 
13	**No**, followed by an explanation that the number is 52 e.g. - Beth has mistaken the tens for hundreds, the number is 52 - Beth has made 52	1	**Award 1 mark** for indicating No and providing a valid reason.
14	39	2	**Award 2 marks** for the correct answer of 39 e.g.  If the answer is incorrect, **award 1 mark** for a full method with no more than one error, e.g. 

15	300, 350, 400	2	**Award 2 marks** for all three numbers correctly completed. **Award 1 mark** for any 2 numbers correctly completed.
16	$3 \times 8 = 24$ $8 \times 3 = 24$ $24 \div 8 = 3$ $24 \div 3 = 8$	2	**Award 2 marks** for all four equations correctly completed. **Award 1 mark** for any two or three equations correctly completed.
17	191	2	**Award 2 marks** for the correct answer of 191 e.g.    If the answer is incorrect, **award 1 mark** for a full method with no more than one arithmetical error, e.g. 
18	5	1	
19	470	1	

Total: 30 marks