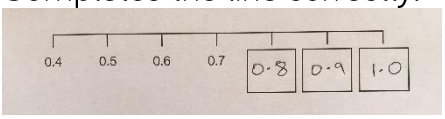
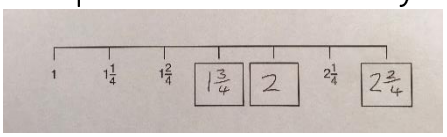
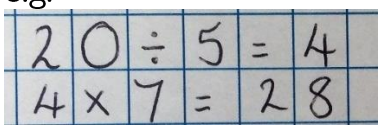
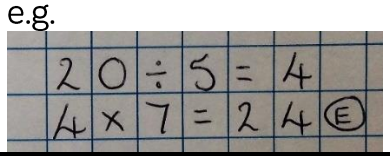
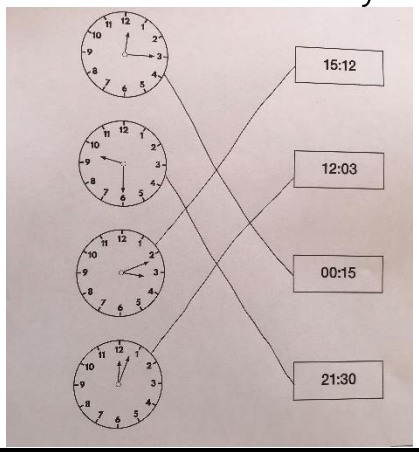
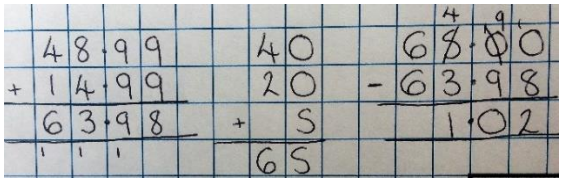
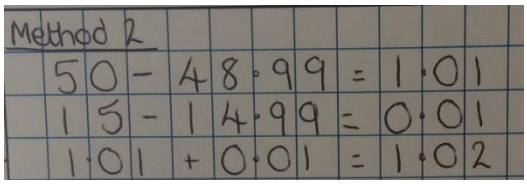
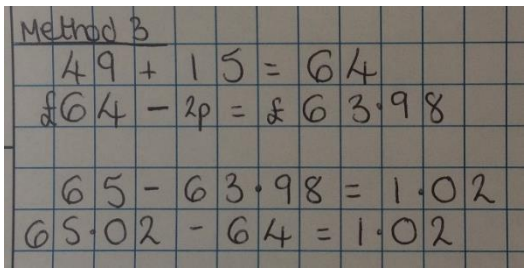
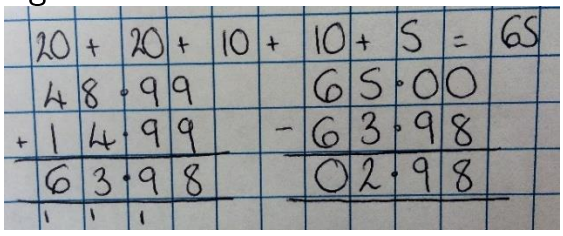
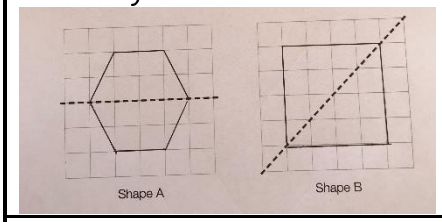
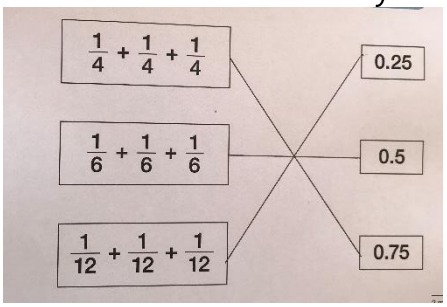
Year 4 – Reasoning and Problem Solving – Summer

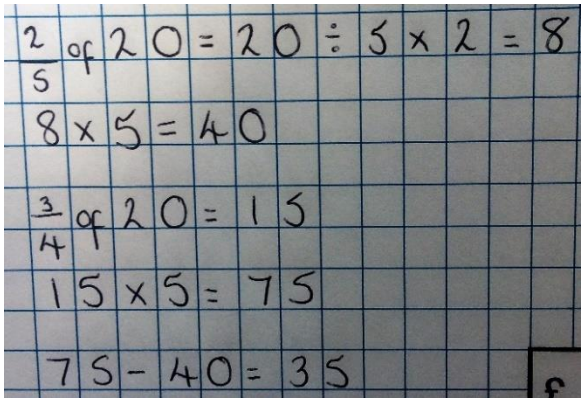
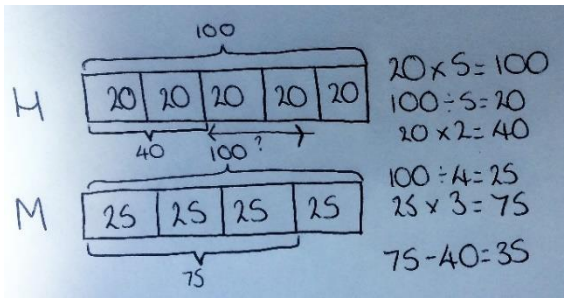
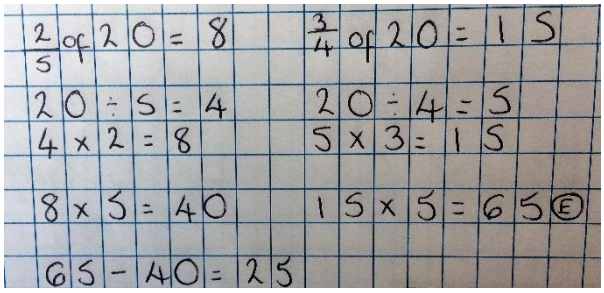
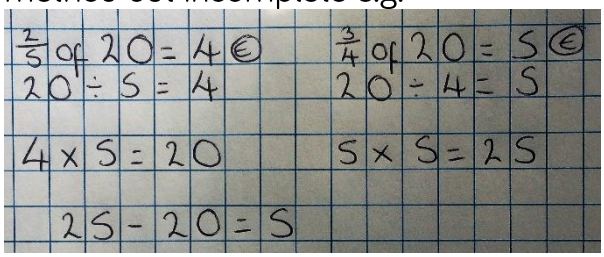
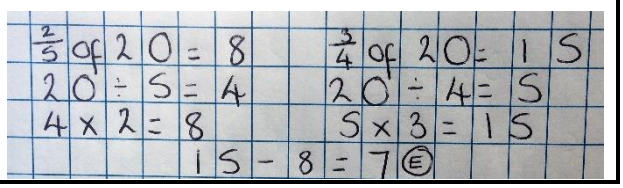
General Marking Principles

- Allow answers given in words unless otherwise instructed. Ignore spelling errors provided intention is clear.
- For numbers with four or more digits, accept answers with or without a comma or other separator.

Question	Answer	Marks	Notes and guidance
Q1	Circles 7, 28 and 63	1	Accept any clear indication – tick, circle, underlined etc.
Q2	2,454	1	
	5	1	Allow "five"
Q3	Completes the line correctly: 	1	
	Completes the line correctly: 	1	Accept $2\frac{1}{2}$ etc.
Q4	0.37	1	Must be decimals
	0.3	1	
Q5	30	1	
	3	1	
	Any number from 265 to 274.999	1	
Q6	28	1	Award 2 marks for the correct answer e.g.  Award 1 mark for fully correct method with no more than one numerical error e.g. 
Q7	Draws a bar of height 5 for Yellow	1	
	21	1	

Q8	< < =	2	Award 1 mark for any two correct symbols
Q9	Matches all four correctly:  	2	Award 1 mark for two or three correct matches.
Q10	£1.02	2	Award 2 marks for the correct answer. Possible methods:    Award 1 mark for fully correct method with no more than one numerical error e.g. 
	10	1	

Q11	Completes both shapes correctly:  	2	One mark for each correct answer.
	Indicates B and gives correct explanation e.g. • A has area 12 squares, but B has area 16 squares • B is a 4 by 4 square, but A is a 4 by 4 square without the corners, so it's smaller	1	
Q12	B, D, A, C	1	
	Right Acute Obtuse	2	Award 2 marks for all three correct Award 1 mark for any to correct
Q13	(5, 3)	1	
	Plots the point (1,3)	1	
	Indicates "Trapezium"	1	
	(7, 4)	1	
Q14	448	1	
Q15	Ticks all of: 42 tenths 4 ones and 2 tenths 4.2	2	Accept any clear indication – tick, circle, underlined etc. Award 1 mark for any two correct
Q16	Matches all three correctly:  	2	Award 1 mark for two correct matches

Q17	£35	3	Award 3 marks for the correct answer. Possible methods:   Award 2 mark for fully correct method with no more than one numerical error.  Award 1 mark for fully correct method with two numerical errors OR correct method but incomplete e.g.  

Total: 40 marks