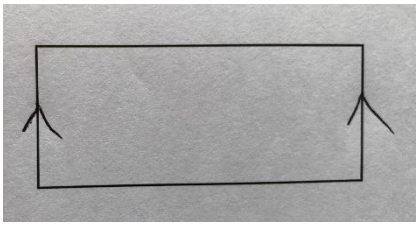
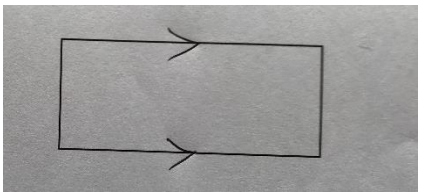
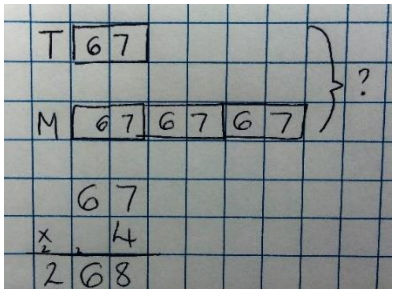
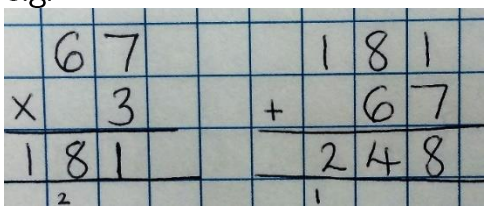
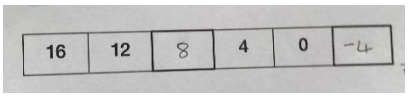
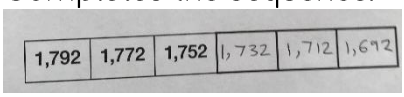
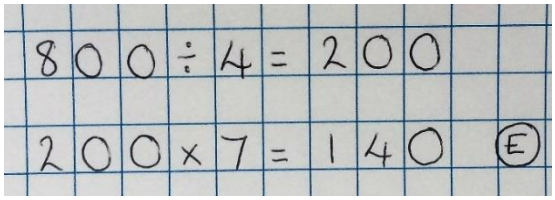
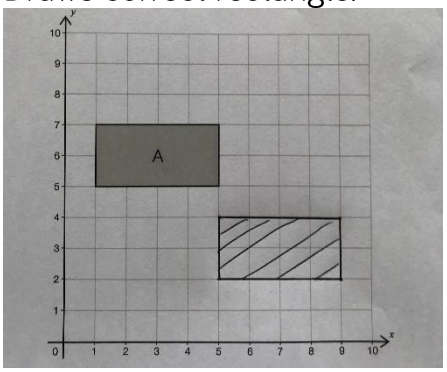
Year 5 – Reasoning and Problem Solving – Summer

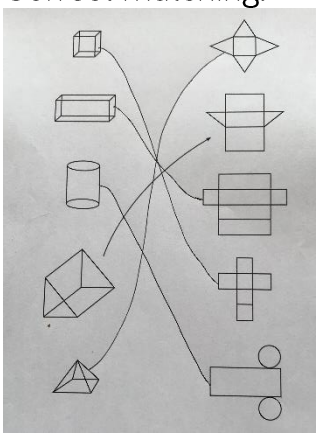
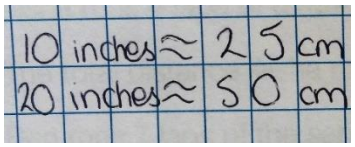
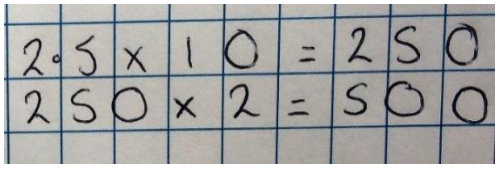
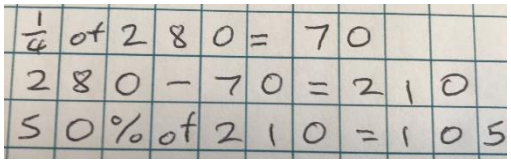
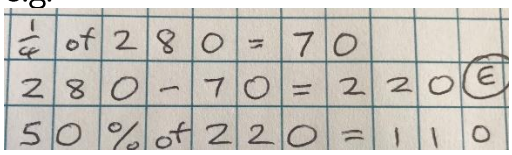
General Marking Principles

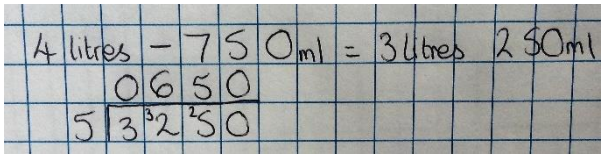
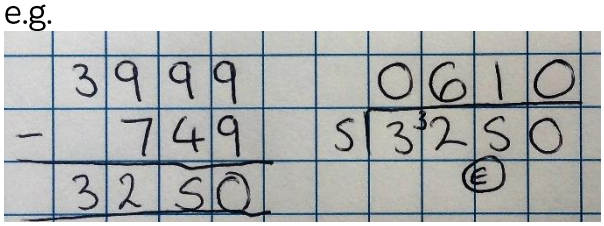
- Allow answers given in words unless otherwise instructed. Ignore spelling errors provided intention is clear.
- For numbers with four or more digits, accept answers with or without a comma or other separator.

Question	Answer	Marks	Notes and guidance
Q1	Circles 36 and 90	1	Accept any clear indication – circle, underlined etc.
	Ticks the first and third statements	2	Accept any clear indication – circle, underlined etc. Award 1 mark for 1 correct statement and no incorrect statement indicated
Q2	120	1	
	12	1	
Q3	Circles 1738	1	Accept any clear indication – circle, underlined etc.
	Circles 5.72	1	Accept any clear indication – circle, underlined etc.
Q4	Circles the perpendicular lines	1	Accept any clear indication – circle, underlined etc.
	Either:  Or: 	1	
Q5	8 : 40 or 08 : 40	1	
Q6	True False False	2	Award 1 mark for two correct answers.

Q7	268	2	Award 2 marks for the correct answer. Possible methods include:  Award 1 mark for fully correct method with no more than one numerical error. e.g. 
Q8	e.g. "She thinks the angles on a straight line add up to 360 degrees, but it should be 180 degrees"	1	Any explanation that shows they know the angles on a straight line add up to 180 degrees.
Q9	Completes the sequence:  	1	
	Completes the sequence:  	2	Award 1 mark for two numbers correct.
Q10	0.7	1	Allow $\frac{7}{10}$
	0.61	1	Allow $\frac{61}{100}$
Q11	3.7	1	
	3.77	1	

Q12	1, 400	1	Award 2 marks for the correct answer. Possible method: $800 \div 4 = 200, 200 \times 7 = 1400$ Award 1 mark for fully correct method with no more than one numerical error. 
Q13	12	1	
	Any shape with area 9 squares	1	
Q14	120°	1	Allow tolerance of two degrees.
Q15	Draws correct rectangle: 	1	
Q16	States "No" and gives reason e.g. • It should be 15 cm^3 • He's only counted the cubes you can see, not the whole shape	1	
Q17	$\frac{11}{6}$	1	
	$2\frac{3}{5}$	1	
	Writes 7 in **both** boxes	1	

Q18	Correct matching: 	2	Award 2 marks for the correct answer. Award 1 mark for two or three correct matches.
Q19	50	2	Award 2 marks for the correct answer. Possible method:  Award 1 mark for fully correct method with no more than one numerical error. 
Q20	105	2	Award 2 marks for the correct answer. Possible method:  Award 1 mark for fully correct method with no more than one numerical error. e.g. 

Q21	650	2	Award 2 marks for the correct answer. Possible method:  Award 1 mark for fully correct method with no more than one numerical error e.g. 

Total: 40 marks