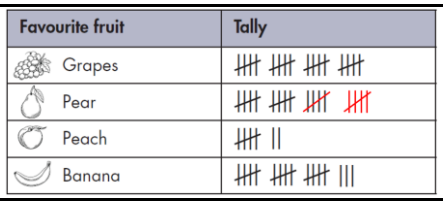
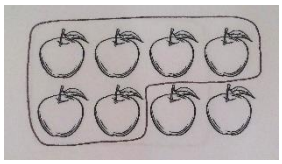
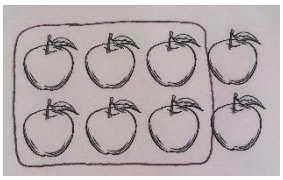
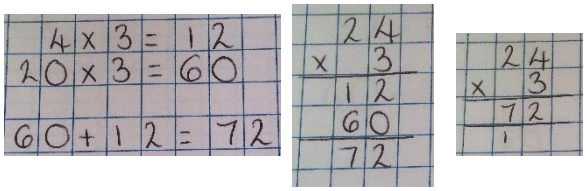
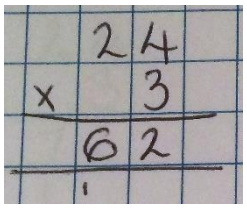
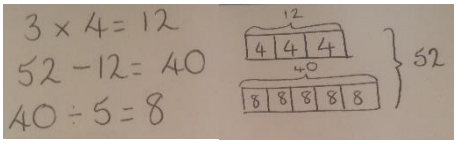
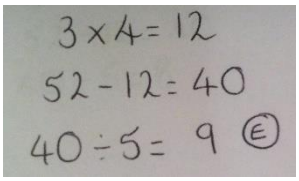
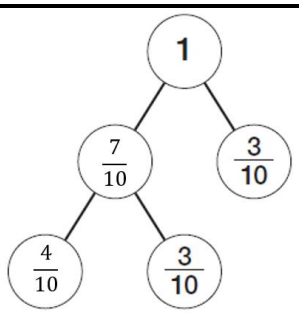
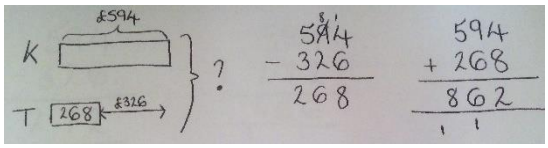
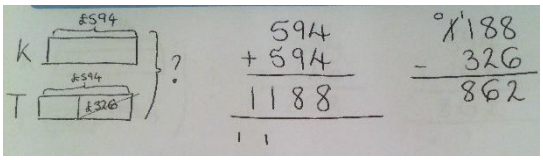
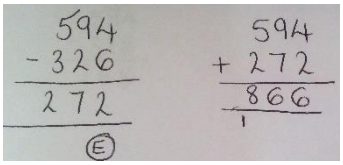
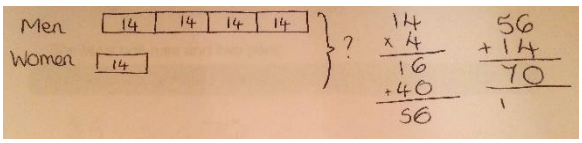
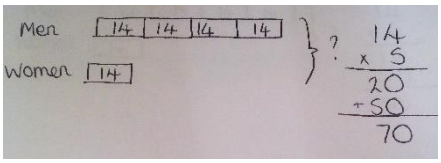
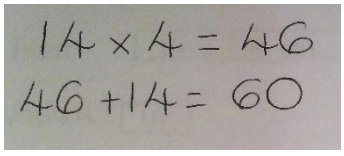
Year 3 – Reasoning and Problem Solving – Spring

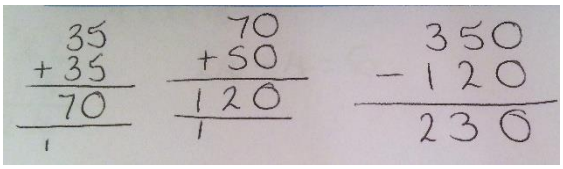
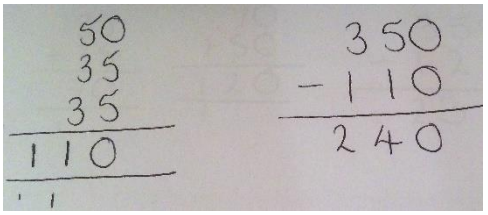
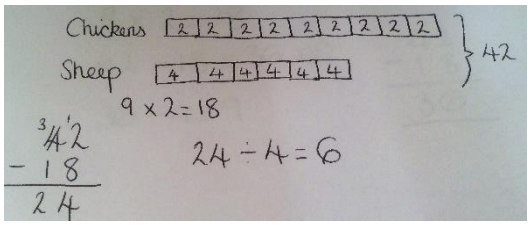
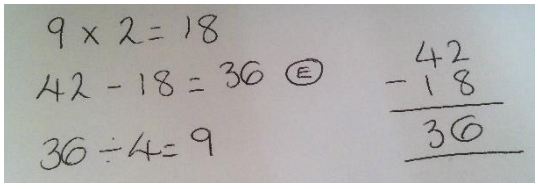
General Marking Principles

- 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	$\frac{6}{10}$, $\frac{7}{10}$	1	Accept $\frac{3}{5}$ for $\frac{6}{10}$
Q2	£3 and 17p	1	
Q3	18	1	
		1	
Q4	6 apples indicated e.g.  	1	Any 6 apples indicated. Accept any clear indication – circle, underlined etc.
Q5	B	1	
Q6	$\frac{2}{4}$ or $\frac{1}{2}$ $\frac{4}{10}$ or $\frac{2}{5}$ $\frac{3}{4}$	2	Award 1 marks for any two correct fractions.
Q7	300 5 120	2	Award 1 marks for any two correct answers.

Q8	72	2	Award 2 marks for 72 correctly calculated. Possible methods:  Award 1 mark for fully correct method with no more than one numerical error. 
Q9	8	2	Award 2 marks for 8 correctly calculated. Possible method:  Award 1 mark for fully correct method with no more than one numerical error. 
Q10		1	
Q11	53	2	Award 2 marks for the correct answer. Award 1 mark for fully correct method to subtract 79 from 132 with no more than one numerical error.
Q12	2 m	1	Accept any clear indication – circle, underlined etc.

Q13	£862	2	Award 2 marks for the correct answer. Possible methods:   Award 1 mark for fully correct method with no more than one numerical error. 
Q14	Indicates "No" AND gives a valid reason e.g. "Sophie is not correct because there are 100 cm in a metre so 50 cm is half of 1 m"	1	Must indicate "No" Reason must imply knowledge that 1 m is equal to 100 cm.
Q15	70	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. 

Q16	$\begin{array}{r} 2\ 4\ \boxed{1} \\ -\ 1\ 3\ 5 \\ \hline 1\ \boxed{0}\ 6 \end{array}$	1	
Q17	£2 and 30 p	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. 
Q18	$\frac{4}{10}$	1	Accept $\frac{2}{5}$
Q19	Class 2 and Class 3	1	
Q20	6	2	Award 2 marks for the correct answer. Possible method:  Award 1 mark for fully correct method with no more than one numerical error 

Total: 30 marks