Year 4 - 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	32 33 100, 100 0.9, 1	2	Award 1 mark for each correct answer. Accept $\frac{16}{50}$ or $\frac{8}{25}$ for $\frac{32}{100}$ Accept 1.0 for 1
Q2	7 m^2	1	
Q3	12	1	
Q4	20 180 200	2	Award 1 mark for two correct answers.
Q5	First and third statements ticked.	1	Accept any clear indication – tick, circle, underlined etc.
Q6	£1,704	1	
Q7	$\frac{2}{3}$ $\frac{1}{2}$ $\frac{3}{4}$	2	Award 1 mark for one correct match.
Q8	0.3 0.03 0.75	2	Award 1 mark for any two numbers correct.
Q9	Two thousand, two hundred and eleven	1	Only accept answer in words
	2,301	1	Only accept answer in digits
	C < A < B	1	

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Q10	42 seeds	2	Award 2 marks for the correct answer. Possible methods: $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Q11	0.05 35 40	3	One mark for each correct answer.
Q12	e.g. "Both are equal to 1 whole"	1	Any reasonable explanation that includes reference to 1 whole.
	2	1	
Q13	660 m	2	Award 1 mark for indication that 2 km = 2,000 m Award second mark for correct subtraction.
Q14	469	2	Award 2 marks for the correct answer. Possible methods: GT GT GT GT GT GT GT G

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Q15	12	1	
Q16	$\frac{3}{15}$ or $\frac{1}{5}$	1	
	30	2	Award 2 marks for the correct answer. Possible methods: $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$

Total: 30 marks