Spring mark scheme



Year 5 - Reasoning & problem solving

General marking principles

- Answers should be single values in their simplest form unless the mark scheme says otherwise
- Accept reversed digits provided intention is clear e.g. a reversed 2 must clearly show the characteristics of a 2 rather than a 5
- Do not award the mark if more than one answer is given
- For numbers with four or more digits, accept answers with a comma positioned incorrectly or without a comma. Do not accept a decimal point or an apostrophe.

Question	Answer		Marks	Notes and guidance
1	120		1	
2	17		1	
3	0.03		1	
	1.2		1	
4	14		1	
5	50		1	
	6		1	
6	6		1	
	16.5		1	
7	Fraction Decimal 7/10 0.7	Percentage 70 %	2	Award 1 mark for 2 correct answers.
	9 0.09	9 %		

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Question	Answer	Marks	Notes and guidance
8	5	2	Award 1 mark for fully correct method with no more than one arithmetic error.
9	36	2	Award 1 mark for fully correct method with no more than one arithmetic error.
10	9.004, 9.04, 9.4, 9.44	1	
11	4	1	
12	Indicate false with a valid reason, e.g. ' $0.4 = \frac{4}{10} = \frac{40}{100}$ so they are the same.'	1	Accept any valid reason.
13	44	2	Award 1 mark for fully correct method with no more than one arithmetic error.
14	16	1	
	3	1	
15	21	2	Award 1 mark for fully correct method with no more than one arithmetic error.
16	9	2	Award 1 mark for fully correct method with no more than one arithmetic error.

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Question	Answer	Marks	Notes and guidance
17	125	2	Award 1 mark for fully correct method with no more than one arithmetic error.
18	63	2	Award 1 mark for fully correct method with no more than one arithmetic error.

Total: 30 marks