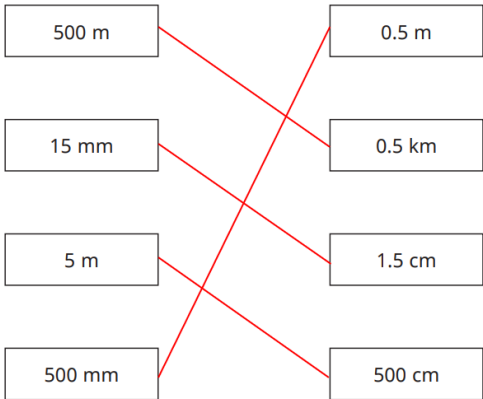
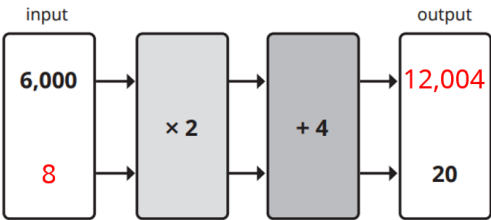


General marking principles

- 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	7,000,000	1	Award the mark for any clear indication. Do not award mark if more than one answer has been indicated.
2	11,929	1	
3	56	1	
4	25	1	
	20	1	
5		3	Award 3 marks for all correct. Award 2 marks for two correct matches. Award 1 mark for one correct match.
6	27 18	2	Award 1 mark for fully correct method with no more than one arithmetic error.
7	19	1	

Year 6 – Reasoning & problem solving

Question	Answer	Marks	Notes and guidance
8	Indicates 4.71 and 4.68	1	Award any clear indication. Both numbers needed. Do not award mark if an incorrect answer has been indicated.
	4.65	1	
9		2	Award 1 mark for each correct answer.
10	<p>Indicates Tommy and gives a valid reason e.g.</p> <ul style="list-style-type: none"> Alex has walked 8.5 km and Tommy has walked 9 km $\frac{9}{10} = 90\%$ and is greater than 85% 15% is more than 10% which is $\frac{1}{10}$ 	1	Do not award the mark if no reason, or incomplete reason, is given.
11	3	2	Award 1 mark for recognising the total number of children who come by bus or cycle is 9
12	2 4	2	Award 1 mark for fully correct method with no more than one arithmetic error OR one correct value seen OR correct method seen but values interchanged.

Question	Answer	Marks	Notes and guidance
13	0.75 0.17 17%	3	Award 1 mark for each correct answer.
14	16	1	
15	16	2	Award 1 mark for fully correct method with no more than one arithmetic error.
16	375	2	Award 1 mark for fully correct method with no more than one arithmetic error.
17	Chooses = and gives a valid reason e.g. <ul style="list-style-type: none"> • 60% of £30 = £18 and 30% of £60 = £18 • $\frac{60}{100} \times 30 = \frac{30}{100} \times 60$ 	1	Do not award mark if no reason, or incomplete reason, is given.
18	11	2	Award 1 mark for fully correct method with no more than one arithmetic error.
19	6.35	2	Award 1 mark for fully correct method with no more than one arithmetic error.
20	45	2	Award 1 mark for fully correct method with no more than one arithmetic error.

Total : 35 marks