

Year 4

Mark Scheme
Autumn

Year 4 – Paper 1: Arithmetic – Mark scheme

Question	Mark(s)	Answer	Guidance
1	1	3645	
2	1	42	
3	1	320	
4	1	9	
5	1	2037	
6	1	9	
7	1	8321cm	
8	1	7	
9	1	832	
10	1	204	
11	1	5	
12	1	6458	
13	1	0	
14	1	2642	
15	1	9700	
16	1	240	
17	2	2832	<p>Award 1 mark for correct addition with an incorrect subtraction</p> <p>Award 1 mark if addition is incorrect but 357 is correctly subtracted</p>
18	2	1235	<p>Award 1 mark if 1 calculation error is made that is followed through correctly in a logical method.</p>

Year 4 – Paper 2: Reasoning – Mark scheme

Question	Mark(s)	Answer	Guidance
1	3	a) 24, 40 b) 42, 49 c) 63, 54	Award 1 mark for each sequence
2	1	Yes Must show reasoning/working out.	Award 1 mark if all multiples have been written to prove.
3	1	-3, -1, 3	All numbers need to be placed correctly for mark to be given.
4	1	80	
5	2	a) 6000 b) 5425	Award 1 mark for each part.
6	2	4 numbers in correct descending order.	No option for awarding 1 mark.
7	2	a) 330 b) 300 c) Possible answers: 2545, 2546, 2547, 2548, 2549	Award 1 mark for top two rows and 1 mark for second row.
8	1	54	
9	2	£1314	Award 1 mark for correct addition with an incorrect subtraction Award 1 mark if addition is incorrect but it is correctly subtracted from £3415

10	1	3500 + 3000 = 6500 Correct explanation of rounding given.	Do not award mark if a written method has been used.
11	2	a) 9 b) 4 c) 3 d) 5 5972 - 2614 <u>3358</u>	Award 1 mark for 2 correct numbers.
12	2	a) 792 in top box 1423 in bottom box b) 631	Award 1 mark for both parts.
13	1	0 An explanation that to get the answer zero you need to multiply something by zero.	
14	2	2 x 24 3 x 16 8 x 6 12 x 4 48 x 1	Award 1 mark for at least 3 full factor pairs.
15	2	a) Draw 2 discs in column 1, row 4 Draw 4 discs in column 2, row 2 b) 96	Award mark for 96 even if they have calculated it without using the counters.
16	1	< >	Both must be correct to get the mark.
17	2	39	Award 1 mark for correct method but wrong answer given e.g.

			$38 \times 6 = 228$ $228 - 189 =$ wrong answer
18	2	a) 9cm^2 b) Shape B	A correct explanation must be given for the mark.