2024 Key Stage 2 Mathematics Mark Scheme - All on One A4 Sheet

Primary Tools

* There is additional guidance in the mark scheme including guidance on answers that may be worthy of credit if the answer is incorrect.
Each question is worth 1 mark unless otherwise stated. Full mark schemes can be found here.

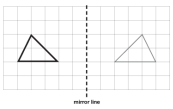
Paper 1 Arithmetic

Q.	Answer
1	727
2	24
3	138
4	4,513
5	1,173
6	8.641
7	1,100
8	990
9	21.173
10	6,768
11	80
12	268
13	187
14*	4/48
15	90
16	20,000
17	2,671,000
18*	9/12
19*	1 7/15 **OR** 22/15
20*	88,368 (**2m**)
21	29
22	0.155
23	83
24	57.2
25*	19,646 (**2m**)
26*	7/21
27*	7/20
28*	1 3/4 **OR** 7/4
29	18.2
30*	29 (**2m**)
31*	594
32*	1/6
33*	387
34*	1 1/2 **OR** 3/2
35*	48 3/4 **OR** 195/4
36*	58 (**2m**)

Paper 2 Reasoning

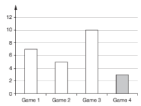
Q. Answer

1



2 **Option 1 and 4** ticked: banana, pear

3 drawing the bar in the range **2.5 – 3.5 points**



4 -5 AND 13

−11	**−5**	1	7	**13**	19

5

2	5	**4**
×		3
7	**6**	2

6 238

7 1,000

8* A correct number in **each** box:
1) Whole number in range **3,500 – 4,499** inclusive.
2) Whole number in range **815,000 – 824,999** inclusive.

9 0.4

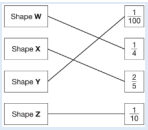
10

15	**17**	**19**	21	23	25

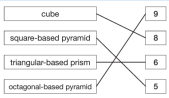
11 5, 24

Age in years	Number of children	Number of adults	Number of children per adult
1 and under	12	4	3
2 or 3	20	**5**	4
4 or 5	**24**	3	8

12



13



14 28

15 32.07

16* **TWO marks**: two boxes correctly ticked, none incorrectly
ONE mark for two boxes ticked correctly and one incorrect box **OR** only one box ticked correctly and no incorrect boxes ticked

The digit 5 represents 50,000	✓
The value of the digit 9 is nine hundred thousands.	
The digit 6 represents 6 millions.	
The value of the digit 2 is twenty tens.	✓

17* (£)2.50 (**2 marks**)

18 1.35kg indicated



19* 330 (**2 marks**)

20* 5 (hours) 25 (minutes) (**2 marks**)

21 **Option 2** (GH is parallel to AB) **AND**
Option 3 (CD is perpendicular to GH) ticked

22* 2.7 (**2 marks**)

23* 4/12 (**2 marks**)

24* **TWO marks** for all boxes completed correctly:
ONE mark for any three correct, as long as each statement has a different number

100	is a square number.
64	is a cube number.
60	is a common multiple of 4 and 5
40	is a common factor of 80 and 120

25* **TWO marks** for both boxes completed correctly
ONE mark for one completed correctly

a	*b*
4	2
13	**5**

26*

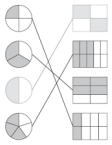
from (0, 2) to (4, 2)	
from (6, 8) to (2, 8)	✓
from (−3, 5) to (−7, 5)	✓

27* **ONE mark** for an explanation that shows that the two quantities are equal

Paper 3 Reasoning

Q. Answer

1



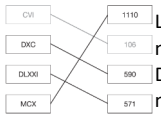
Lines need not touch the shaded fractions, provided the intention is clear.
Do not accept a shaded circle matched to more than one shaded rectangle.

2 -30

3* (£)1.15 (**2 marks**)

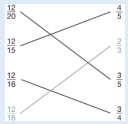
4 3,500

5



Lines need not touch the Roman numerals or numbers, provided the intention is clear.
Do not accept a Roman numeral matched to more than one number.

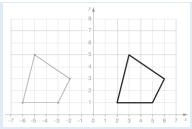
6



Lines need not touch the fractions, provided the intention is clear.
Do not accept a fraction matched to more than one simplified fraction.

7 8

8*



Accept slight inaccuracies in drawing, provided the intention is clear

9

Number of weeks	Number of days
1	7
2	14
4	28
6	**42**
10	**70**
15	105

10a Answers given in the range 202 – 218 (mm) inclusive

10b Answers given in the range 53° – 57° inclusive

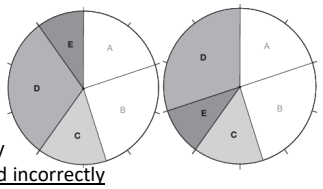
11 **TWO marks** for **three** boxes completed correctly
ONE mark for any **two** boxes completed correctly

5	7	**3**
− 3	**0**	5
2	6	8

12 $\frac{1}{5}$ $\frac{3}{4}$ $\frac{8}{10}$ $\frac{7}{8}$

13 99kg (**2 marks**)

14* **TWO marks:** three sectors drawn/labelled correctly eg:
ONE mark: one sector drawn/labelled correctly **OR** three sectors drawn correctly but either unlabelled/labelled incorrectly



15* 79 (**2 marks**)

16* Whole number answer in the range **61 – 69** (inclusive)

17 **Option 1, 2 and 5** ticked: 2, 3, 9

18* 25 (**2 marks**)

19 **TWO marks:** both boxes completed: **3, 9**
ONE mark: one box completed correctly

					3
1	2	4	3	6	**9**

20 B, C AND D (letters in any order)

21* (£)4,655 (**3 marks**)

22a 40

22b 7

23 6, 7, 4

Name of 3-D shape	Number of faces
cube	**6**
pentagonal prism	**7**
triangular-based pyramid	**4**

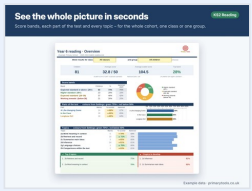
24* Explanation that compares the calculations or relative size of the fractions to indicate relative size of the products

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Marked the paper? What to do next

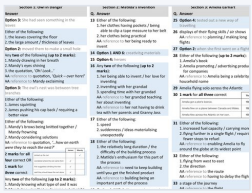
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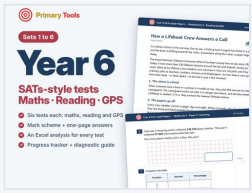
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