2018 Key Stage 2 Mathematics Mark Scheme - All on One A4 Sheet

Primary Tools

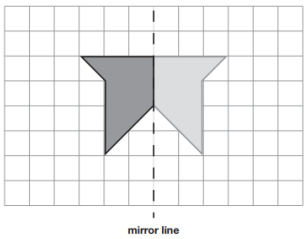
* There is additional guidance in the mark scheme including some multiple choice questions where an incorrect answer may negate a correct answer.
Each question is worth 1 mark unless otherwise stated. Full mark schemes can be found here.

Paper 1 Arithmetic

Qu.	Answer
1	712
2*	5/11
3	90
4	838
5	9
6	200
7	6,562
8	46
9	81.08
10	308
11	90
12	600
13	4
14	4,921
15	50,000
16	4.6
17*	6/7
18*	0.001
19	750
20*	18,055 **(2m)**
21*	240
22*	15 **(2m)**
23	14
24*	7/10
25*	2 1/2
26	0.262
27	117
28*	2/3
29*	465,518 **(2m)**
30*	198
31*	1/8
32*	77
33*	60
34*	182
35*	2 17/21 or 59/21
36*	91 **(2m)**

Paper 2 Reasoning

Qu. Answer

1* 

2* 28 + 67 = 95 or 67 + 28 = 95

3* A point on the line in the range 6.6cm to 6.8cm inclusive from A.

4* 3/4 = 9/12 = 18/24

5a* 7

5b* Oslo

6 299,604

7* 0.25 and 25/100

8* 192 **(2m)**

9* Explanation that recognises that the sequence does not always increase by four, with clear reference to the data

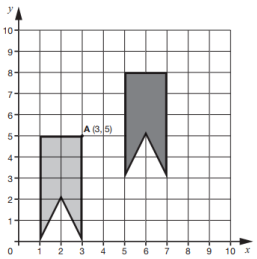
10 **2 marks: all correct** **1 mark: 3 correct**

11 × 12	<	15 × 10
90 ÷ 30	=	60 ÷ 20
120 ÷ 4	>	160 ÷ 8
30 × 8	<	100 × 10

11

Number of faces	Number of vertices	Number of edges
6	8	12

2 marks: all correct; 1 mark: 2 correct

12* 

13* 67/8 48/8 62/8 **(55/8)** 76/8

14* 3/5 3/4 6/5

15* 1800 **(2m)**

16* subtract 100 then add 3
subtract 7 then subtract 90 **(2m)**

17* 1.7(litres) or 1,700(ml) **(3m)**

18* £5.50 **(2m)**

19* 4 – 2 + 2

20* 30 **(2m)**

21a* 36

21b* 25

22 125

23* 1,408 **(2m)**

Paper 3 Reasoning

Qu. Answer

1 **35** 42 49 **56** 63 **70**

2 marks: all correct; 1 mark: 2 correct

2* Two combinations, as shown:
blue and red OR red and blue **AND**
white and red OR red and white

3* 2743

4* **2 marks: all correct** **1 mark: 2 correct**

5324 + 7427 = 60676

5* 2, 3, 6
2 marks: all correct; 1 mark: 2 correct

6* There are more cheetahs than jaguars
One-quarter of the big cats are cheetahs.
2 marks: all correct; 1 mark: 1 correct

7a 163

7b 2

8* £140

9 108

10* (-3,1)

11* 275 or an answer in the range from 270 to 280 inclusive **(2m)**

12 24

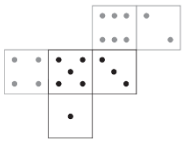
13* 40

14* An explanation showing an understanding:
- that this specific triangle has angles 70, 70 and 40 **OR**
- of the properties of an equilateral triangle – all angles are equal (60°)

15a* £3.05

15b* 6 **(2m)**

16* 184 **(2m)**

17* 

18* 1/12 (2m)

19* **2 marks: all correct** **1 mark: 2 correct**

354 × 9.5 =	**3,363**
3,540 × 95 =	**336,300**
3,363 ÷ 95 =	**35.4**

20* 101 **(2m)**

21a* 57min 15sec

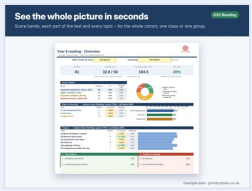
21b* 44min 40sec

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Marked the paper? What to do next

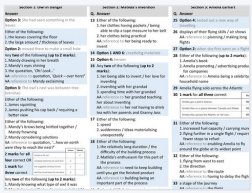
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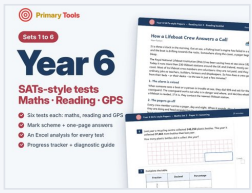
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