2018 Key Stage 1 Mathematics Mark Scheme - All on One A4 Sheet

Primary Tools

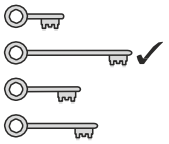
* There is additional guidance in the mark scheme including some multiple choice questions where an incorrect answer may negate a correct answer.
Each question is worth 1 mark unless otherwise stated. Full mark schemes can be found here.

Paper 1 Arithmetic

Qu.	Answer
1	9
2	42
3	30
4	10
5	84
6	30
7	3
8	36
9	60
10	90
11	85
12	14
13	12
14	76
15	4
16	59
17	34
18	109
19	100
20	44
21	65
22	6
23	70
24	12
25	27

Paper 2 Reasoning

Qu. Answer

P 

1 24

2* 42
Accept any number that has 4 tens and 2 ones, e.g. 042, 142, 1042.

3* The correct fraction ticked as shown:

$\frac{1}{2}$ ☐	$\frac{1}{4}$ ☐
$\frac{1}{3}$ ☑	$\frac{3}{4}$ ☐

4 7 (marbles)

5* 5 x 5 = 25

6* C (tallest) D A B (shortest)

7* triangle ☐
square ☐
rectangle ✓
circle ✓
hexagon ☐

8* Three-quarters shaded as shown, e.g.



9* The fourth black bead ticked as shown, e.g.



10 100 (balls)

11* Longest time indicated as shown:



12 18 (cm)

13* 34

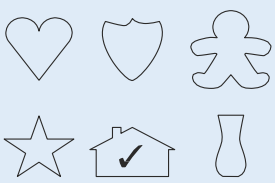
14 4

15* Number sentence completed as shown:

5 x 6 = 30 children
OR
6 x 5 = 30 children

16* 4 (fish)

17* Shape indicated as shown:



Paper 2 Reasoning continued

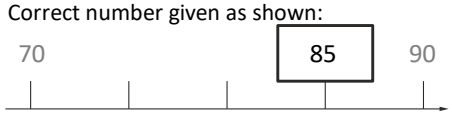
Qu. Answer

18 10 (coins)

19* Both number sentences completed as shown:

8 × 5 = 40
40 ÷ 5 = 8
OR
8 × 5 = 40
40 ÷ 8 = 5

20 Correct number given as shown:



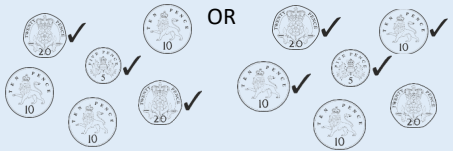
21 60 (planes)

22* Award **TWO marks** for two number sentences completed correctly, using four different number cards from those that are given e.g.:

55 + 5 = 60 15 + 45 = 60 25 + 35 = 60

Award **ONE mark** for any one number sentence completed correctly using the given cards only
OR
Award **ONE mark** if one number sentence is correct, but the pupil has used the same numbers cards for the other number sentence

23* Award the mark for any combination of coins indicated that totals 45p, e.g.:



24* Award **TWO marks** for correct answer of 85 (p).
If answer is incorrect or missing, award **ONE mark** for evidence of a complete, correct method, e.g.

- 20 + 20 + 20 + 25 = (incorrect or no answer)
- 20 × 3 = 40 (error)
  40 + 25 =

25 15 (p)

26 55

27 15 (°C)

28* 13 written in **both** boxes

29* Rectangle drawn with the correct dimensions 7cm × 3cm

30* Award **TWO marks** for correct answer of 45
If the answer is incorrect or missing, award **ONE mark** for evidence of a complete, correct method

- 7 × 10 – 25 = (incorrect or no answer)
- 7 × 10 = 60 (error)
  60 – 25 =

31 13 + 6 = 10 + 9

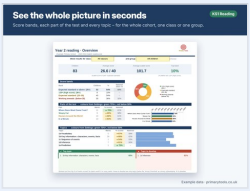
32 Award the mark for any two numbers that are greater than 20 with a difference of 2 e.g.:
24 – 22 30 – 28 49 – 47

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Marked the paper? What to do next

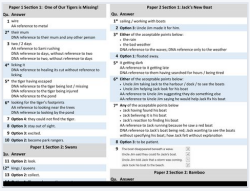
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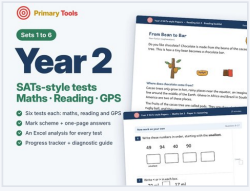
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