



UNITED KINGDOM MATHEMATICS TRUST

Primary Team Maths Resources 2015

Supervisor's Answer Booklet

Please ensure that students do not have access to this booklet, and take care to hold it so that answers cannot be seen.

Group Round Answer Sheet

(Units can be ignored)

<u>Question 1</u> 1033	<u>Question 2</u> 25	<u>Question 3</u> 12.9
<u>Question 4</u> 300m²	<u>Question 5</u> 192 ticks	<u>Question 6</u> 126 matches
<u>Question 7</u> 96cm	<u>Question 8</u> £156.00	<u>Question 9</u> 24
<u>Question 10</u> 12	<u>Question 11</u> 5 years	<u>Question 12</u> 70 baskets
<u>Question 13</u> £400.00	<u>Question 14</u> 6km	<u>Question 15</u> Row 3, column 4

Logic Round Answers

House Number	2	4	27	64	97
Family Name	Pine	Oak	Ash	Redwood	Elm
Pet	Leopard	Giraffe	Elephant	Crocodile	Lion
Colour of Car	Red	Black	Orange	Yellow	White
Number of Children	2	1	3	2	5
Holiday Destination	Spain	Germany	Portugal	France	Norway

Crossnumber Answers

¹ 6	7	5		² 3	6		³ 1	1	⁴ 2
4			⁵ 3	2		⁶ 9			7
6		⁷ 5	1			⁸ 3	1		0
⁹ 9	¹⁰ 1		¹¹ 9	1	¹² 6	9		¹³ 1	0
	¹⁴ 6	¹⁵ 6			4		¹⁶ 4		
		7		¹⁷ 5			¹⁸ 2	¹⁹ 8	
²⁰ 1	8		²¹ 3	5	0	²² 9		²³ 1	²⁴ 1
8		²⁵ 1	5			²⁶ 4	2		0
7			7		²⁷ 2	5			5
²⁸ 8	1	9		²⁹ 2	7		³⁰ 3	8	9

Pupils can ask for their answers so far to be marked at any time. If an answer is correct, tick it and award one mark; if it is wrong, cross it out and enter the correct digit.

Pupils may enter just one digit if they wish, rather than a complete answer. Pupils may sacrifice a square, by guessing, if they wish.

Shuttle Relay Answers

(Units can be ignored)

A1	25
A2	120
A3	15
A4	18

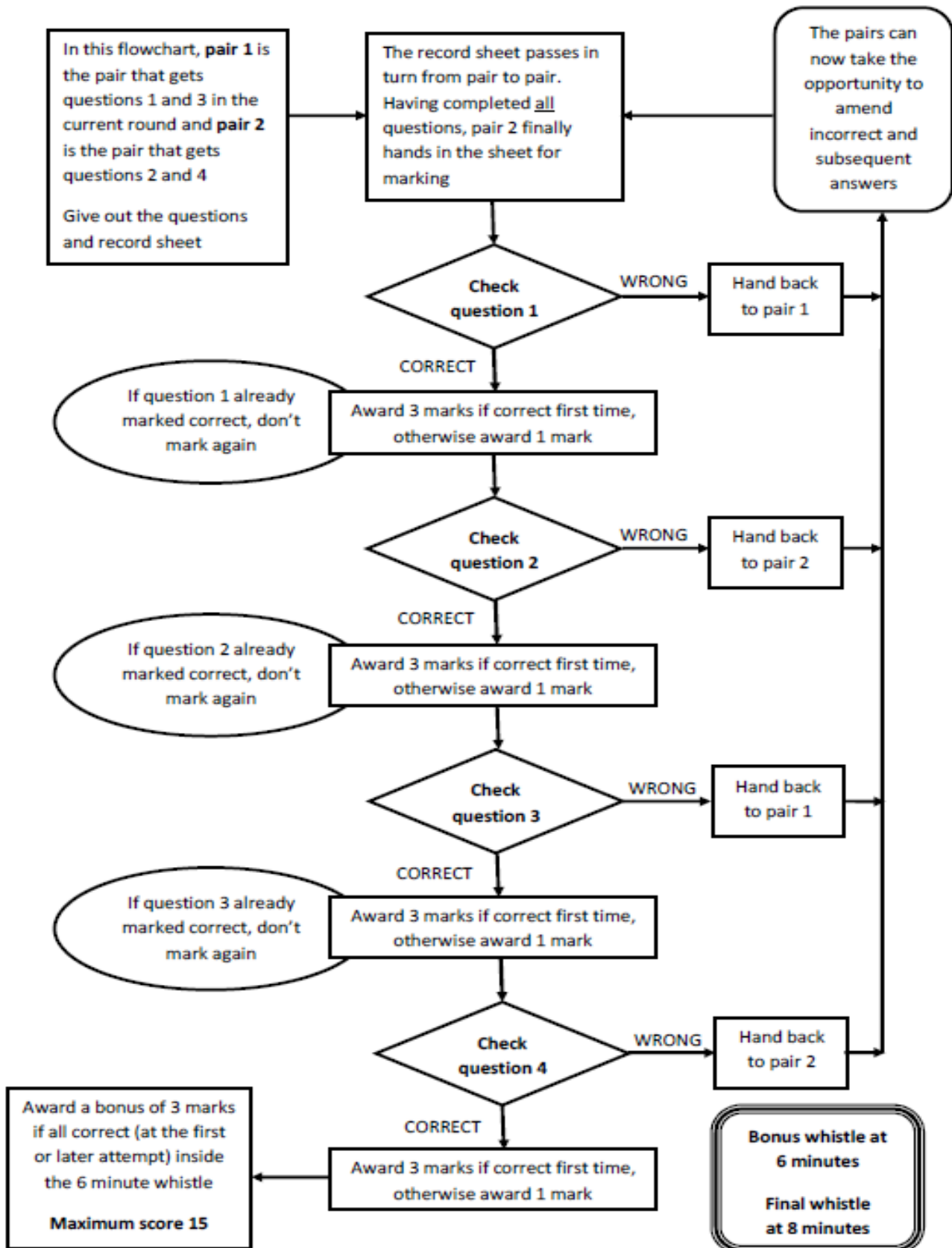
B1	9
B2	27
B3	28
B4	48

C1	55
C2	11
C3	9
C4	27

D1	9
D2	14
D3	84
D4	192

See the flowchart below for guidance about marking the Shuttle Round and clarification of the scoring.

Instructions for Scoring the Shuttle Round



Relay Answers

Correct answers score 2 points – circle '2' or '0' for each answer.

Units can be ignored.

School Name _____

School Number _____

A1	90	2 0	B8	32	2 0
B1	£8.55	2 0	A9	303 g	2 0
A2	5	2 0	B9	5	2 0
B2	Four and a half Five and one quarter	2 0	A10	12	2 0
A3	120°	2 0	B10	75 cm ²	2 0
B3	45	2 0	A11	12m	2 0
A4	£42.50	2 0	B11	30	2 0
B4	202	2 0	A12	75	2 0
A5	6	2 0	B12	150 g	2 0
B5	£1.25	2 0	A13	180 cm ²	2 0
A6	Three and one-sixth Two and five-sixths	2 0	B13	357	2 0
B6	108°	2 0	A14	$7\frac{5}{8}$	2 0
A7	144 cm ²	2 0	B14	192 cm	2 0
B7	10 cm ²	2 0	A15	285	2 0
A8	60	2 0	B15	$3\frac{3}{8}$	2 0

Total Score:

Make a Number Challenge

There may be a variety of ways of solving these problems so please check answers carefully. A possible solution for each question is given below.

1. $(75 \times 4) + (6 \times 4)$

2. $50 \times (6 + 2) + 4 + 1$

3. $100 + (6 \times 3 \times 3)$

4. $(9 + 1) \times (75 + 5 - 4)$

5. $(9 + 8) \times 25 + 6 - 5$

6. $(6 \times 75) - 7 - 2$

7. $(7 \times 5 - 1) \times 25 + 3 - 2$

8. $(5 + 4) \times (25 + 8) \times 2$

9. $7 \times (25 \times (2 + 1) - 6)$

10. $(100 - 7 - 5) \times 6 - 6 - 1$

Speed Test Answers

(Units can be ignored)

<u>Question</u>	<u>Answer</u>	<u>Question</u>	<u>Answer</u>
1	9091	11	9
2	$\frac{31}{32}$	12	5000
3	Nicky has £26, Andrew has £34	13	30
4	- 17	14	115
5	27	15	13
6	120	16	3
7	3	17	$\frac{1}{252}$
8	15	18	5
9	20	19	10
10	36	20	2

Primary Kangaroo Answers

1 C
2 E
3 D
4 D
5 B
6 B
7 E
8 A
9 B
10 D
11 C
12 B
13 D
14 A
15 B