

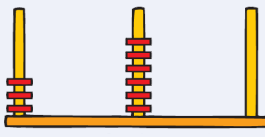
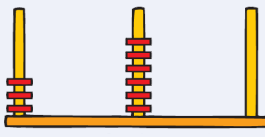
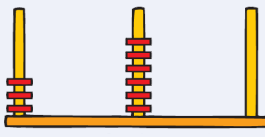
# Answers to Scholastic National Curriculum Maths Practice Book for Year 2

The answers are given below. They are referenced by page number and where applicable, question number.

The answers usually only include the information the children are expected to give.

There may be some places where the answers vary or multiple answers are acceptable, these are marked as such.

Page number	Question number	Answers
6		28, 29, 30 50, 60, 70 48, 50, 52 56, 57, 58 100, 110, 120 70, 72, 74
7		40, 38, 36, 34, 32, 30, 28, 26, 24, 22 10, 15, 20, 25, 30, 35, 40, 45, 50, 55 60, 55, 50, 45, 40, 35, 30, 25, 20, 15 20, 30, 40, 50, 60, 70, 80, 90, 100, 110 90, 80, 70, 60, 50, 40, 30, 20, 10, 0
8-9		5, 10, 15, 20, 25, 30, 35, 40, 45 25, 30, 35, 40, 45, 50, 55, 60, 65 12, 15, 18, 21, 24, 27, 30 5, 10, 15, 20, 25, 30, 35, 40, 45 3, 6, 9, 12, 15, 18 24, 21, 18, 15, 12, 9, 6, 3 33, 30, 27, 24, 21, 18, 15, 12 50, 55, 60, 65, 70, 75 Answers will vary for children's own sequences.
10		60, 70, 80 105, 115, 125 70, 60, 50 31, 41, 51 82, 92, 102 69, 59, 49

Page number	Question number	Answers																								
11		35 24 16																								
12		27 35 42																								
13		30 60 90																								
14		$40 + 2 = 42$ $30 + 2 = 32$ $40 + 5 = 45$ $30 + 5 = 35$ $40 + 7 = 47$ $30 + 7 = 37$ $10 + 1 = 11$ $70 + 1 = 71$ $10 + 2 = 12$ $70 + 2 = 72$ $10 + 5 = 15$ $70 + 5 = 75$ $10 + 7 = 17$ $70 + 7 = 77$ $30 + 1 = 31$																								
15		<table border="1"> <thead> <tr> <th></th> <th>100s</th> <th>10s</th> <th>1s</th> </tr> </thead> <tbody> <tr> <td>seventy-eight</td> <td>0</td> <td>7</td> <td>8</td> </tr> <tr> <td>forty-seven</td> <td>0</td> <td>4</td> <td>7</td> </tr> <tr> <td>one hundred and twenty-three</td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>one hundred and four</td> <td>1</td> <td>0</td> <td>4</td> </tr> <tr> <td></td> <td>3</td> <td>6</td> <td>0</td> </tr> </tbody> </table>		100s	10s	1s	seventy-eight	0	7	8	forty-seven	0	4	7	one hundred and twenty-three	1	2	3	one hundred and four	1	0	4		3	6	0
	100s	10s	1s																							
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forty-seven	0	4	7																							
one hundred and twenty-three	1	2	3																							
one hundred and four	1	0	4																							
	3	6	0																							

Page number	Question number	Answers								
16–17	1	$30 + 2 = 32$ $40 + 7 = 47$ $80 + 1 = 81$ $60 + 5 = 65$								
	2	<table border="0"> <tr> <td><math>70 + 4</math></td> <td><math>30 + 44</math></td> </tr> <tr> <td><math>60 + 14</math></td> <td><math>20 + 54</math></td> </tr> <tr> <td><math>50 + 24</math></td> <td><math>10 + 64</math></td> </tr> <tr> <td><math>40 + 34</math></td> <td><math>0 + 74</math></td> </tr> </table>	$70 + 4$	$30 + 44$	$60 + 14$	$20 + 54$	$50 + 24$	$10 + 64$	$40 + 34$	$0 + 74$
	$70 + 4$	$30 + 44$								
	$60 + 14$	$20 + 54$								
$50 + 24$	$10 + 64$									
$40 + 34$	$0 + 74$									
3	$63$ $60 + 3 = 63$ $40 + 23 = 63$  $54$ $40 + 14 = 54$ $50 + 4 = 54$  $71$ $50 + 21 = 71$ $40 + 31 = 71$  $49$ $30 + 19 = 49$ $10 + 39 = 49$									
4	Answers will vary, for example: $68 =$ $50 + 18 = 68$ $20 + 48 = 68$ $30 + 38 = 68$									
18		$23, 38, 45, 57, 69, 70, 89, 94$ Check children's drawings								
19	1	$7, 18, 25, 33, 41, 59, 67, 73, 80, 92$								
	2	$14\text{kg}, 22\text{kg}, 31\text{kg}, 43\text{kg}, 45\text{kg}, 50\text{kg}$								
	3	$49\text{cm}, 41\text{cm}, 33\text{cm}, 20\text{cm}, 17\text{cm}, 16\text{cm}$								

Page number	Question number	Answers																																																					
20–21	1	<																																																					
	2	>																																																					
	3	>																																																					
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	1	False																																																					
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	1	>																																																					
	2	<																																																					
	3	>																																																					
	22–23	1	25, 26, 27, 28 95, 93, 91, 89, 85, 83 45, 50, 55 91, 81, 61																																																				
2		30cm, 80cm																																																					
3		<table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td>2</td><td>3</td><td>4</td></tr> <tr><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td></tr> </table> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td>5</td><td>10</td><td>15</td></tr> <tr><td>20</td><td>25</td><td>30</td></tr> <tr><td>35</td><td>40</td><td>45</td></tr> </table> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td>100</td><td>101</td><td>102</td></tr> <tr><td>103</td><td>104</td><td>105</td></tr> <tr><td>106</td><td>107</td><td>108</td></tr> </table> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td>41</td><td>43</td><td>45</td></tr> <tr><td>47</td><td>49</td><td>51</td></tr> <tr><td>53</td><td>55</td><td>57</td></tr> </table> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td>0</td><td>3</td><td>6</td></tr> <tr><td>9</td><td>12</td><td>15</td></tr> <tr><td>18</td><td>21</td><td>24</td></tr> </table> <table border="1" style="display: inline-table;"> <tr><td>33</td><td>31</td><td>29</td></tr> <tr><td>27</td><td>25</td><td>23</td></tr> <tr><td>21</td><td>19</td><td>17</td></tr> </table>	2	3	4	5	6	7	8	9	10	5	10	15	20	25	30	35	40	45	100	101	102	103	104	105	106	107	108	41	43	45	47	49	51	53	55	57	0	3	6	9	12	15	18	21	24	33	31	29	27	25	23	21	19
2	3	4																																																					
5	6	7																																																					
8	9	10																																																					
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100	101	102																																																					
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106	107	108																																																					
41	43	45																																																					
47	49	51																																																					
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0	3	6																																																					
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18	21	24																																																					
33	31	29																																																					
27	25	23																																																					
21	19	17																																																					
24		The bear is on number 3      The camel is on number 7 The dog is on number 6      The cat is on number 8																																																					
		The bear is on number 20      The camel is on number 15 The dog is on number 5      The cat is on number 42																																																					

Page number	Question number	Answers	
25		30 strawberries 35 butterflies 12 shells 27 fish	
26	1	Answers will vary.	
	2	27	
	3	Answers will vary.	
	4	Answers will vary.	
	5	83 Answers will vary.	
27		73, seventy-three	42, forty-two
		23, twenty-three	43, forty-three
		24, twenty-four	47, forty-seven
		27, twenty-seven	48, forty-eight
		28, twenty-eight	74, seventy-four
		32, thirty-two	78, seventy-eight
		34, thirty-four	82, eighty-two
		37, thirty-seven	83, eighty-three
		38, thirty-eight	84, eighty-four
		72, seventy-two	87, eighty-seven
28	1	One hundred and three	
	2	188	
	3	One hundred and ninety-nine	
	4	170	
29	1a	7 boxes, 2 pencils left over	
	1b	3 boxes, 8 pencils left over	
	1c	5 boxes, 6 pencils left over	
	1d	10 boxes, 3 pencils left over	
	2a	27	
	2b	43	
	2c	91	
30		1 + 19	6 + 14
		2 + 18	7 + 13
		3 + 17	8 + 12
		4 + 16	9 + 11
		5 + 15	10 + 10

Page number	Question number	Answers	
31		19, 1	14, 6
		18, 2	13, 7
		17, 3	12, 8
		16, 4	11, 9
		15, 5	10, 10
32		10 + 90	40 + 60
		20 + 80	50 + 50
		30 + 70	
33	1	Accept any suitable answer:	
		1 + 99	26 + 74
		2 + 98	27 + 73
		3 + 97	28 + 72
		4 + 96	29 + 71
		5 + 95	30 + 70
		6 + 94	31 + 69
		7 + 93	32 + 68
		8 + 92	33 + 67
		9 + 91	34 + 66
		10 + 90	35 + 65
		11 + 89	36 + 64
		12 + 88	37 + 63
		13 + 87	38 + 62
		14 + 86	39 + 61
		15 + 85	40 + 60
		16 + 84	41 + 59
		17 + 83	42 + 58
		18 + 82	43 + 57
		19 + 81	44 + 56
		20 + 80	45 + 55
		21 + 79	46 + 54
		22 + 78	47 + 53
		23 + 77	48 + 52
		24 + 76	49 + 51
25 + 75	50 + 50		

Page number	Question number	Answers
34	1a	10
	1b	6
	1c	16
	1d	4
	1e	6
	1f	4
	2a	11
	2b	15
	2c	18
	2d	9
	2e	7
	2f	1
	3a	7
	3b	11
35	1a	0, =
	1b	9, 8
	1c	7, -
	1d	=, 9
	1e	-, 4
	2a	Answers will vary, for example: 17, 11
	2b	Answers will vary, for example: 7, 3
	2c	Answers will vary, for example: 10, 1
	2d	Answers will vary, for example: 12, 7
	2e	Answers will vary, for example: 19, 11
	2f	Answers will vary, for example: 9, 2
	3a	7
3b	10	
36	1a	19, 5, 14, 14
	1b	18, 7, 11, 11
	2a	29, 12, 12, 12
	2b	80, 50, 30, 30
37		$3 + 2 = 5$ and $5 - 2 = 3$ $5 + 10 = 15$ and $15 - 10 = 5$ $14 + 5 = 19$ and $19 - 5 = 14$ $11 + 10 = 21$ and $21 - 10 = 11$ $13 + 12 = 25$ and $25 - 12 = 13$ $15 + 20 = 35$ and $35 - 20 = 15$ $16 + 30 = 46$ and $46 - 30 = 16$ $20 + 23 = 43$ and $43 - 23 = 20$ $24 + 35 = 59$ and $59 - 35 = 24$ $26 + 32 = 58$ and $58 - 32 = 26$








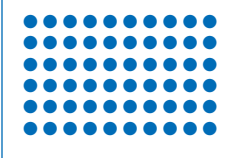
Page number	Question number	Answers	
38		+5 $16 + 5 = 21$ 16 -5 $16 - 5 = 11$	
		+8 $13 + 8 = 21$ 13 -8 $13 - 8 = 5$	
		+6 $11 + 6 = 17$ 11 -6 $11 - 6 = 5$	
		+9 $12 + 9 = 21$ 12 -9 $12 - 9 = 3$	
		+10 $15 + 10 = 25$ 15 -10 $15 - 10 = 5$	
	39	a	14
		b	18
		c	37
		d	44
		e	12
f		4	
g		12	
h		48	
40	1	6	
	2	14	
	3	9	
	4	28	
	5	9	
	6	19	
	7	38	
	8	18	







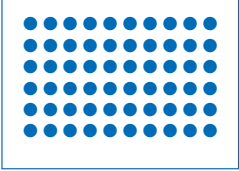


Page number	Question number	Answers											
41		<b>Numbers</b>	<b>Partitioning</b>	<b>Answer</b>									
		15 + 34	$34 + 10 + 5 = 44 + 5$	49									
		15 + 41	$41 + 10 + 5 = 51 + 5$	56									
		15 + 52	$52 + 10 + 5 = 62 + 5$	67									
		15 + 11	$15 + 10 + 1 = 25 + 1$	26									
		23 + 11	$23 + 10 + 1 = 33 + 1$	34									
		23 + 34	$34 + 20 + 3 = 54 + 3$	57									
		23 + 41	$41 + 20 + 3 = 61 + 3$	64									
		23 + 52	$52 + 20 + 3 = 72 + 3$	75									
		34 + 11	$34 + 10 + 1 = 44 + 1$	45									
		34 + 41	$41 + 30 + 4 = 71 + 4$	75									
		34 + 52	$52 + 30 + 4 = 82 + 4$	86									
		41 + 11	$41 + 10 + 1 = 51 + 1$	52									
		41 + 52	$52 + 40 + 1 = 92 + 1$	93									
		52 + 11	$52 + 10 + 1 = 62 + 1$	63									
42		<p>Answers will vary, for example:</p> <p>My numbers 26 and 48            Total <math>48 + 20 = 68 + 6 = 74</math>            Difference <math>48 - 20 = 28 - 6 = 22</math></p> <p>My numbers 48 and 59            Total <math>59 + 40 = 99 + 8 = 107</math>            Difference <math>59 - 40 = 19 - 8 = 11</math></p>											
43	1b	$11 + 8 = 19$											
	1c	$16 + 3 = 19$											
	1d	$14 + 6 = 20$											
	1e	$12 + 5 = 17$											
	1f	$17 + 3 = 20$											
	2	<p>Answers will vary, for example:</p> <p><math>21 + 11 = 32</math>  <math>44 + 11 = 55</math>  <math>42 + 13 = 55</math></p>											
44		<p>Answers will vary, for example:</p> <table border="1"> <thead> <tr> <th>Numbers chosen</th> <th>Numbers totalling 10</th> <th>Addition</th> </tr> </thead> <tbody> <tr> <td>2, 8, 3</td> <td><math>2 + 8 = 10</math></td> <td><math>2 + 8 + 3 = 13</math></td> </tr> <tr> <td>2, 8, 4</td> <td><math>2 + 8 = 10</math></td> <td><math>2 + 8 + 4 = 14</math></td> </tr> </tbody> </table>			Numbers chosen	Numbers totalling 10	Addition	2, 8, 3	$2 + 8 = 10$	$2 + 8 + 3 = 13$	2, 8, 4	$2 + 8 = 10$	$2 + 8 + 4 = 14$
Numbers chosen	Numbers totalling 10	Addition											
2, 8, 3	$2 + 8 = 10$	$2 + 8 + 3 = 13$											
2, 8, 4	$2 + 8 = 10$	$2 + 8 + 4 = 14$											

Page number	Question number	Answers
45	1a	$12p + 3p + 1p = 16p$
	1b	$14kg + 4kg + 2kg = 20kg$
	1c	$11m + 5m + 3m = 19m$
	1d	$10cm + 5cm + 3cm = 18cm$
	2a	$12 - 3 - 2 = 7$
	2b	$20 - 6 - 5 = 9$
	2c	$15 - 6 - 4 = 5$
	2d	$25 - 7 - 3 = 15$
46	1	66p 72p 95p
	2	67p 91p 88p
	3	Answers will vary, for example, Duck = 98p
47	1	16p 22p 45p
	2	37p 11p 48p
	3	Answers will vary, for example, Ball = 12p
48	1	$6 + 4 + 3$ $6 + 5 + 2$ $6 + 4 + 2 + 1$
	2	6, 5, 1 5, 4, 3 6, 4, 2 6, 3, 3 4, 4, 4 5, 5, 2
49	1	17 boys
	2	8 yellow balloons
	3	15 were in boxes
	4	6 were spotty
	5	9 were cheese
	6	13 were orange
50	2	11 black dogs
	3	10 apples
	4	3 guinea pigs
	5	10 chews



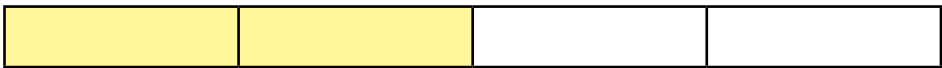







Page number	Question number	Answers
51		Either: $£5 + £4.50 = £9.50$ or $£5 - £4.50 = £0.50$ Either: $£5 + £1.50 = £6.50$ or $£5 - £1.50 = £3.50$
52	1	Answers will vary.
	2a	£12
	2b	£7
	2c	£4
53	1	31 bags
	2	33 bananas
54–55		$2 + 2 + 2 + 2, 2 \times 4 = 8$ $2 + 2 + 2 + 2 + 2 + 2, 2 \times 6 = 12$ $2 + 2 + 2 + 2 + 2 + 2 + 2, 2 \times 7 = 14$ $2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2, 2 \times 8 = 16$ $8 - 2 - 2 - 2 - 2, 8 \div 2 = 4$ $10 - 2 - 2 - 2 - 2 - 2, 10 \div 2 = 5$ $12 - 2 - 2 - 2 - 2 - 2 - 2, 12 \div 2 = 6$
56–57		$5 + 5 + 5 + 5, 5 \times 4 = 20$ $5 + 5 + 5 + 5 + 5 + 5, 5 \times 6 = 30$ $5 + 5 + 5 + 5 + 5 + 5 + 5, 5 \times 7 = 35$ $5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5, 5 \times 9 = 45$ $15 - 5 - 5 - 5, 15 \div 5 = 3$ $25 - 5 - 5 - 5 - 5 - 5, 25 \div 5 = 5$ $35 - 5 - 5 - 5 - 5 - 5 - 5 - 5, 35 \div 5 = 7$ $50 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5, 50 \div 5 = 10$
58–59		$10 + 10 + 10 + 10, 10 \times 4 = 40$ $10 + 10 + 10 + 10 + 10 + 10, 10 \times 6 = 60$ $10 + 10 + 10 + 10 + 10 + 10 + 10, 10 \times 7 = 70$ $10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10, 10 \times 9 = 90$ $30 - 10 - 10 - 10, 30 \div 10 = 3$ $50 - 10 - 10 - 10 - 10 - 10, 50 \div 10 = 5$ $70 - 10 - 10 - 10 - 10 - 10 - 10 - 10, 70 \div 10 = 7$ $100 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10, 100 \div 10 = 10$

Page number	Question number	Answers		
60-61			$5 + 5 + 5 + 5$	$5 \times 4$
			$2 + 2 + 2 + 2 + 2$	$2 \times 5$
			$5 + 5 + 5$	$5 \times 3$
			$2 + 2 + 2$	$2 \times 3$
			$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2$	$8 \times 2$
			$10 + 10 + 10 + 10$	$10 \times 4$
			$5 + 5 + 5 + 5 + 5 + 5 + 5$	$5 \times 7$
			$10 + 10 + 10 + 10 + 10 + 10$	$10 \times 6$
		$10 + 10 + 10, 10 \times 3$		

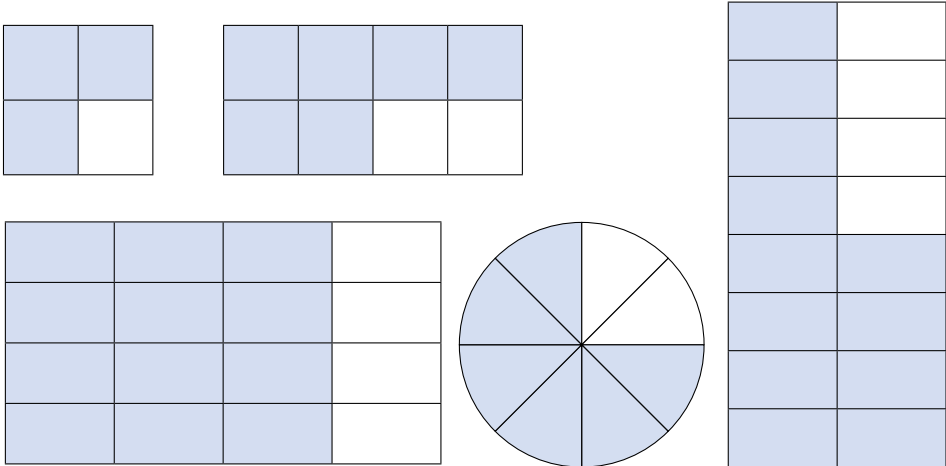
Page number	Question number	Answers		
62-63			$15 \div 5$	3
			$6 \div 2$	3
			$10 \div 2$	5
			$20 \div 5$	4
			$40 \div 10$	4
			$35 \div 5$	7
			$60 \div 10$	6
			$80 \div 10 = 8$ or $80 \div 8 = 10$	
64	1	Multiples of two = 2, 10, 6, 4, 12, 14, 16, 20, 8, 18, 30, 100 Multiples of five = 10, 20, 25, 5, 15, 30, 35, 25, 45, 100 Multiples of ten = 10, 20, 30, 100		
	2	10, 20, 40, 50		

Page number	Question number	Answers																																			
65	1	<table border="1"> <thead> <tr> <th>x</th> <th>2</th> <th>5</th> <th>10</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>4</td> <td>10</td> <td>20</td> </tr> <tr> <td>4</td> <td>8</td> <td>20</td> <td>40</td> </tr> <tr> <td>1</td> <td>2</td> <td>5</td> <td>10</td> </tr> <tr> <td>5</td> <td>10</td> <td>25</td> <td>50</td> </tr> </tbody> </table>	x	2	5	10	2	4	10	20	4	8	20	40	1	2	5	10	5	10	25	50															
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8	16	40	80																																		
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	2a	45																																			
	2b	14																																			
	3	<table border="1"> <thead> <tr> <th>x</th> <th>0</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th>9</th> <th>10</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>0</td> <td>2</td> <td>4</td> <td>6</td> <td>8</td> <td>10</td> <td>12</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> </tr> <tr> <td>10</td> <td>0</td> <td>10</td> <td>20</td> <td>30</td> <td>40</td> <td>50</td> <td>60</td> <td>70</td> <td>80</td> <td>90</td> <td>100</td> </tr> </tbody> </table>	x	0	1	2	3	4	5	6	7	8	9	10	2	0	2	4	6	8	10	12	14	16	18	20	10	0	10	20	30	40	50	60	70	80	90
x	0	1	2	3	4	5	6	7	8	9	10																										
2	0	2	4	6	8	10	12	14	16	18	20																										
10	0	10	20	30	40	50	60	70	80	90	100																										

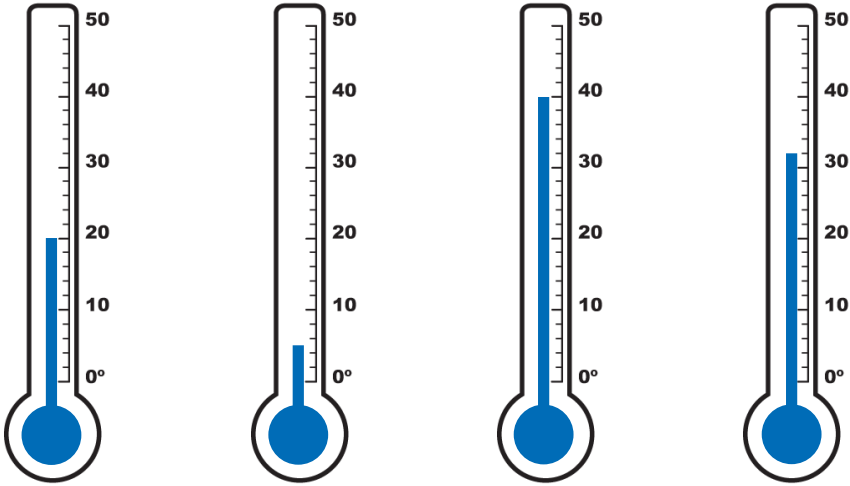
Page number	Question number	Answers
68	1a	6
	1b	10
	1c	60
	1d	5
	1e	90
	1f	9
	2a	7
	2b	5
	3a	4
	3b	4
	3c	4
	3d	9
	3e	3
	3f	7
69	1a	60
	1b	10
	1c	10
	1d	10
	1e	7
	1f	35
	1g	5
	1h	35
	2a	80, 8
	2b	14, 7
	2c	30, 6
70	1b	$1 \times 2 = 2$
	1c	$2 \times 4 = 8$
	1d	$5 \times 2 = 10$
	1e	$3 \times 5 = 15$
	1f	$7 \times 5 = 35$
	1g	$7 \times 2 = 14$
	1h	$5 \times 9 = 45$
	1i	$9 \times 2 = 18$
	2	Answers will vary, for example: $2 \times 5\text{p coins}$ $10 \times 1\text{p}$ $1 \times 10\text{p}$ $5\text{p} + 1\text{p} + 1\text{p} + 1\text{p} + 1\text{p} + 1\text{p}$ $5\text{p} + 2\text{p} + 2\text{p} + 1\text{p}$

Page number	Question number	Answers										
71	1	6, 38, 42, 60, 102, 24										
	2	25, 27, 29										
	3		<table border="1"> <thead> <tr> <th></th> <th>Multiples of 2</th> <th>Multiples of 5</th> </tr> </thead> <tbody> <tr> <td>Odd numbers</td> <td></td> <td>15,25</td> </tr> <tr> <td>Even numbers</td> <td>8,30,42</td> <td>30</td> </tr> </tbody> </table>		Multiples of 2	Multiples of 5	Odd numbers		15,25	Even numbers	8,30,42	30
			Multiples of 2	Multiples of 5								
Odd numbers			15,25									
Even numbers	8,30,42	30										
72-73	2	20 wheels										
	3	6 lengths										
	4	6 gobstoppers										
	5	35 cars										
74	1	2, 4 3, 2										
	2											
	3											
	4											
	5	$\frac{2}{4}$										
75	1	 $\frac{2}{4}$										
		 $\frac{2}{2}$										
		 $\frac{4}{4}$										
		 $\frac{3}{4}$										
		 $\frac{1}{4}$										
		 $\frac{1}{2}$										
		 1										
	2	$1 \text{ whole} = \frac{1}{2} + \frac{1}{2}$ $\frac{1}{2} = \frac{1}{4} + \frac{1}{4}$ $\frac{3}{4} = \frac{1}{2} + \frac{1}{4}$										







Page number	Question number	Answers												
76	1	Accept any variation of $\frac{3}{4}$ 												
	2	3 books 6 apples 9 teddies 15 cars												
77		Check children's drawings.												
78		Answers will vary.												
79	1	6cm, 4cm, 10cm												
	2	4g, 6g, 10g												
	3	15ml, 5ml, 25ml												
80		<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;"><math>\frac{1}{2}</math> of 4 = 2</td> <td style="width: 50%;"><math>\frac{1}{2}</math> of 10 = 5</td> </tr> <tr> <td><math>\frac{1}{4}</math> of 20 = 5</td> <td><math>\frac{1}{4}</math> of 16 = 4</td> </tr> <tr> <td><math>\frac{1}{2}</math> of 8 = 4</td> <td><math>\frac{1}{3}</math> of 3 = 1</td> </tr> <tr> <td><math>\frac{1}{3}</math> of 9 = 3</td> <td><math>\frac{1}{4}</math> of 4 = 1</td> </tr> <tr> <td><math>\frac{1}{4}</math> of 12 = 3</td> <td><math>\frac{2}{4}</math> of 24 = 12</td> </tr> <tr> <td><math>\frac{1}{4}</math> of 8 = 2</td> <td><math>\frac{3}{4}</math> of 16 = 12</td> </tr> </table>	$\frac{1}{2}$ of 4 = 2	$\frac{1}{2}$ of 10 = 5	$\frac{1}{4}$ of 20 = 5	$\frac{1}{4}$ of 16 = 4	$\frac{1}{2}$ of 8 = 4	$\frac{1}{3}$ of 3 = 1	$\frac{1}{3}$ of 9 = 3	$\frac{1}{4}$ of 4 = 1	$\frac{1}{4}$ of 12 = 3	$\frac{2}{4}$ of 24 = 12	$\frac{1}{4}$ of 8 = 2	$\frac{3}{4}$ of 16 = 12
$\frac{1}{2}$ of 4 = 2	$\frac{1}{2}$ of 10 = 5													
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$\frac{1}{4}$ of 8 = 2	$\frac{3}{4}$ of 16 = 12													

Page number	Question number	Answers	
81		<p>A number line from 0 to 10 with tick marks every 1/4 unit. The following mixed numbers are marked on the line:</p> <ul style="list-style-type: none"> <li><math>1\frac{1}{2}</math></li> <li><math>3\frac{3}{4}</math></li> <li><math>9\frac{1}{4}</math></li> <li><math>\frac{1}{4}</math></li> <li><math>2\frac{2}{4}</math></li> <li><math>8\frac{2}{4}</math></li> <li><math>5\frac{1}{4}</math></li> <li><math>6\frac{1}{2}</math></li> <li><math>8\frac{3}{4}</math></li> <li><math>7\frac{2}{4}</math></li> </ul>	
82		Straw = 7cm Comb = 6cm Spoon = 5cm Shell = 1cm	Candle = 3cm Nail = 3cm Acorn = 2cm Cake = 2cm
83		Answers will vary, check children's measurements.	
84		Answers will vary, check children's measurements.	
85		Answers will vary, check children's measurements.	

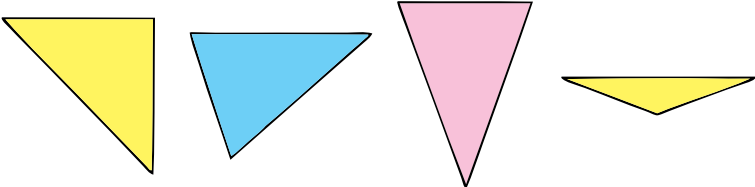
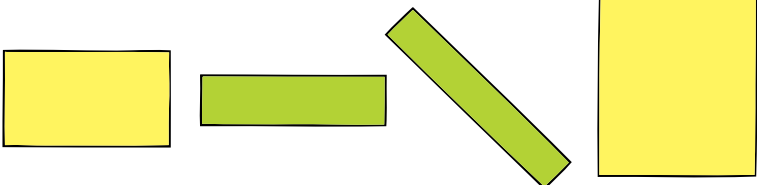
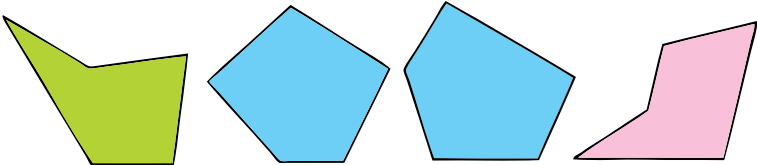
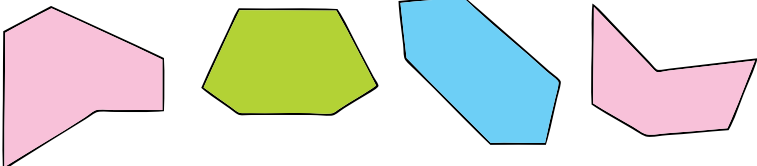
Page number	Question number	Answers
86	1	14°C, 30°C, 6°C, 24°C
	2	
87		<p>Bananas weigh 5kg</p> <p>The oranges weigh <math>4\frac{1}{2}</math> kg</p> <p>The ribbon is 12cm</p> <p>There are <math>1\frac{1}{2}</math> litres in the first jug</p> <p>There are 2 litres in the second jug</p>
88		Check children's drawings.
89		<p>25cm, 200ml, 150ml</p> <p>3kg, 4cm, 10g</p>
90–91		<p>Football pitch = trundle wheel</p> <p>Height of goalpost = metre stick</p> <p>Distance around football = tape measure</p> <p>Distance round my head = tape measure</p> <p>Height of a tree = metre stick</p> <p>Width of kitchen = metre stick</p> <p>Length of garden = trundle wheel</p> <p>Height of car = metre stick</p> <p>Width of door = metre stick</p> <p>Distance around your chest = tape measure</p>

Page number	Question number	Answers								
92-93	1	<table border="1"> <tr> <td colspan="4" style="text-align: center;"><b>lightest</b> <b>heaviest</b></td> </tr> <tr> <td>4 feather</td> <td>3 comic</td> <td>2 pile of books</td> <td>1 suitcase</td> </tr> </table>	<b>lightest</b> <b>heaviest</b>				4 feather	3 comic	2 pile of books	1 suitcase
	<b>lightest</b> <b>heaviest</b>									
	4 feather	3 comic	2 pile of books	1 suitcase						
	2	Answers will vary.								
	3	<table border="1"> <tr> <td colspan="4" style="text-align: center;"><b>shortest</b> <b>longest</b></td> </tr> <tr> <td>3 rubber</td> <td>2 pencil</td> <td>1 door</td> <td>4 tree</td> </tr> </table>	<b>shortest</b> <b>longest</b>				3 rubber	2 pencil	1 door	4 tree
	<b>shortest</b> <b>longest</b>									
	3 rubber	2 pencil	1 door	4 tree						
	4	Answers will vary.								
5	<table border="1"> <tr> <td colspan="4" style="text-align: center;"><b>smallest capacity</b> <b>biggest capacity</b></td> </tr> <tr> <td>4 teaspoon</td> <td>2 egg cup</td> <td>3 mug</td> <td>1 bucket</td> </tr> </table>	<b>smallest capacity</b> <b>biggest capacity</b>				4 teaspoon	2 egg cup	3 mug	1 bucket	
<b>smallest capacity</b> <b>biggest capacity</b>										
4 teaspoon	2 egg cup	3 mug	1 bucket							
6	Answers will vary.									
7	<table border="1"> <tr> <td colspan="4" style="text-align: center;"><b>coldest</b> <b>hottest</b></td> </tr> <tr> <td>2 ice lolly</td> <td>3 glass of water</td> <td>4 hot bath</td> <td>1 boliling kettle</td> </tr> </table>	<b>coldest</b> <b>hottest</b>				2 ice lolly	3 glass of water	4 hot bath	1 boliling kettle	
<b>coldest</b> <b>hottest</b>										
2 ice lolly	3 glass of water	4 hot bath	1 boliling kettle							
8	Answers will vary.									
94		<table> <tr> <td>1 fortnight = 2 weeks</td> <td>120 seconds = 2 minutes</td> </tr> <tr> <td>60 minutes = 1 hour</td> <td>7 days = 1 week</td> </tr> <tr> <td>60 seconds = 1 minute</td> <td>1 year = 52 weeks</td> </tr> <tr> <td>1 day = 24 hours</td> <td></td> </tr> </table>	1 fortnight = 2 weeks	120 seconds = 2 minutes	60 minutes = 1 hour	7 days = 1 week	60 seconds = 1 minute	1 year = 52 weeks	1 day = 24 hours	
1 fortnight = 2 weeks	120 seconds = 2 minutes									
60 minutes = 1 hour	7 days = 1 week									
60 seconds = 1 minute	1 year = 52 weeks									
1 day = 24 hours										

Page number	Question number	Answers
95		<p>The image shows a matching exercise with two columns of analog clocks and two columns of digital time boxes. Lines connect each clock to its corresponding time.</p> <p><b>Left Column:</b></p> <ul style="list-style-type: none"> <li>Clock 1: 2:30</li> <li>Clock 2: 9:00</li> <li>Clock 3: 4:15</li> <li>Clock 4: 7:45</li> <li>Clock 5: 5:30</li> <li>Clock 6: 1:00</li> </ul> <p><b>Right Column:</b></p> <ul style="list-style-type: none"> <li>Clock 1: 3:15</li> <li>Clock 2: 8:30</li> <li>Clock 3: 6:30</li> <li>Clock 4: 10:00</li> <li>Clock 5: 11:15</li> <li>Clock 6: 12:45</li> </ul>

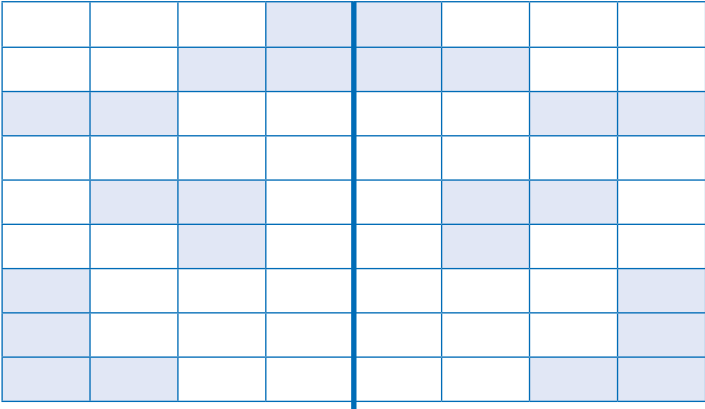
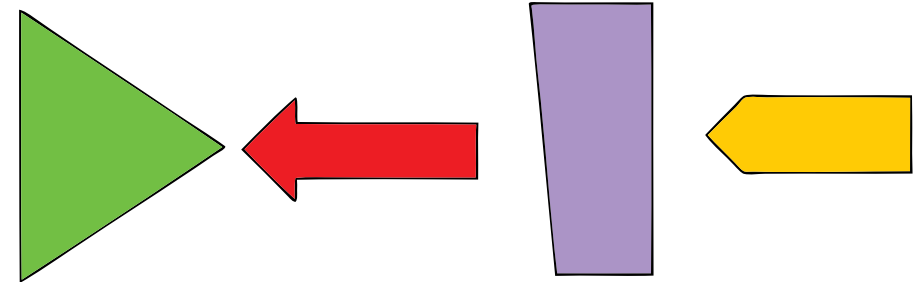
Page number	Question number	Answers														
96-97	1															
	2															
	3															
	4															
	5	<p>Monster Magic: 25 minutes</p> <p>Undersea Adventures: 45 minutes</p> <p>Robot Story: 1 hour 10 minutes</p> <p>Policeman Paul: 20 minutes</p>														
	6	Robot Story														
	7	1 hour 55 minutes														
98		<table> <tbody> <tr> <td>125p = £1.25</td> <td>302p = £3.02</td> </tr> <tr> <td>175p = £1.75</td> <td>345p = £3.45</td> </tr> <tr> <td>225p = £2.25</td> <td>269p = £2.69</td> </tr> <tr> <td>180p = £1.80</td> <td>199p = £1.99</td> </tr> <tr> <td>£1.30</td> <td>£1.50</td> </tr> <tr> <td>£1.50</td> <td>£1.20</td> </tr> <tr> <td>£1.55</td> <td>£1.50</td> </tr> </tbody> </table>	125p = £1.25	302p = £3.02	175p = £1.75	345p = £3.45	225p = £2.25	269p = £2.69	180p = £1.80	199p = £1.99	£1.30	£1.50	£1.50	£1.20	£1.55	£1.50
125p = £1.25	302p = £3.02															
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£1.30	£1.50															
£1.50	£1.20															
£1.55	£1.50															

Page number	Question number	Answers
99	1	20p 10p + 10p 10p + 5p + 5p 5p + 5p + 5p + 5p
	2	4 = 50p, 20p, 2p, 2p Answers will vary, for example: = 20p + 20p + 20p + 10p + 2p + 2p = 50p + 10p + 10p + 2p + 2p
100		£1 + 20p + 20p + 5p + 2p + 1p = £1.48 £1 + 50p + 10p + 5p + 2p = £1.67 £2 + 20p + 10p + 5p + 2p + 2p = £2.39 £2 + 50p + 20p + 10p = £2.80 £2 + 50p + 20p + 20p + 5p + 2p + 2p = £2.99 £2 + £1 + 10p + 5p + 2p = £3.17 £2 + £1 + 20p + 20p + 5p + 1p = £3.46
101		65p; 82p 50p, 10p, 5p; 32p change Book, Marble and Car = 96p 5 marbles
102	1	Sides: 6 Symmetrical: Yes Corners: 6 Name: Hexagon
	2	Sides: 8 Symmetrical: No Corners: 8 Name: Octagon
	3	Sides: 5 Symmetrical: No Corners: 5 Name: Pentagon
	4	Sides: 8 Symmetrical: Yes Corners: 8 Name: Octagon
	5	Sides: 5 Symmetrical: Yes Corners: 5 Name: Pentagon
103	1	Hexagons: 4, 5, 6, 7, 9
	2	Octagons: 2, 10
	3	1 = Circle, 3 = Triangle, 8 = Rectangle or quadrilateral
104		square, rectangle circle, hexagon and rectangle square, pentagon
105		Check children's drawings.

Page number	Question number	Answers
106		Cereal packet: Cuboid – six rectangular faces Ice-cream cone: Cone – one curved face, one circular face Orange: Sphere – one curved face, no edges or corners Tin of beans: Cylinder – one curved face, two circular faces Cube: Cube – six square faces
107		I have four sides that have equal lengths = square I have two faces shaped like circles = cylinder There is nothing straight about me at all = sphere I have one side and it is curved = circle I have three sides and three corners = triangle I have one face shaped like a circle = cone I have at least two square faces = cube / cuboid I have six faces = cube / cuboid
108		<p>triangles</p>  <p>rectangles</p>  <p>pentagons</p>  <p>hexagons</p> 



Page number	Question number	Answers									
109		<pre> graph TD     A[4 sides] -- yes --&gt; B[regular]     A -- no --&gt; C[3 sides]     B -- yes --&gt; D[S]     B -- no --&gt; E[R]     C -- yes --&gt; F[T]     C -- no --&gt; G[5 sides]     G -- yes --&gt; H[P]     G -- no --&gt; I[6 sides]     I -- yes --&gt; J[H]     I -- no --&gt; K[1 side]     K -- yes --&gt; L[C]     K -- no --&gt; M[O] </pre>									
110	1	cuboid cube cone sphere cylinder pyramid									
	2	<table border="1"> <thead> <tr> <th>6 faces</th> <th>Not 6 faces</th> </tr> </thead> <tbody> <tr> <td>cube</td> <td>cone</td> </tr> <tr> <td>cuboid</td> <td>cylinder</td> </tr> <tr> <td></td> <td>sphere</td> </tr> <tr> <td></td> <td>pyramid</td> </tr> </tbody> </table>	6 faces	Not 6 faces	cube	cone	cuboid	cylinder		sphere	
6 faces	Not 6 faces										
cube	cone										
cuboid	cylinder										
	sphere										
	pyramid										
111	1	5									
	2	Triangular-based pyramid (or just pyramid)									
112	1	West									
	2	North									
	3	South									
	4	South									
113		Move forward 1 square. Make a quarter turn clockwise. Move forward 6 squares. Make a quarter turn anti-clockwise. Move forward 3 squares. Make a quarter turn clockwise. Move forward 1 square. Make a quarter turn anti-clockwise. Move forward 3 squares.									

Page number	Question number	Answers											
114													
115													
116–117		<p>Noughts and Crosses = 20</p> <p>Dominoes = 15</p> <p>Snakes and Ladders = 13</p> <p>Cards = 17</p> <p>Draughts = 7</p> <p>Chess = 3</p> <p>Check children's drawings on the graph.</p>											
118	1	Check ticks of children in bobble hats.											
	2	7											
	3	<table border="1"> <thead> <tr> <th>Clothes</th> <th>Tally</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Jumpers</td> <td>      1</td> <td>6</td> </tr> <tr> <td>Scarves</td> <td> </td> <td>1</td> </tr> <tr> <td>Bobble hats and jumpers</td> <td>     </td> <td>5</td> </tr> </tbody> </table>	Clothes	Tally	Total	Jumpers	1	6	Scarves		1	Bobble hats and jumpers	
Clothes	Tally	Total											
Jumpers	1	6											
Scarves		1											
Bobble hats and jumpers		5											
119	1	<table border="1"> <thead> <tr> <th></th> <th>Lions</th> <th>Tigers</th> <th>Crocodiles</th> <th>Gorillas</th> </tr> </thead> <tbody> <tr> <td>Number of children</td> <td>7</td> <td>8</td> <td>2</td> <td>5</td> </tr> </tbody> </table>		Lions	Tigers	Crocodiles	Gorillas	Number of children	7	8	2	5	
		Lions	Tigers	Crocodiles	Gorillas								
	Number of children	7	8	2	5								
	2	Tigers											
	3	Crocodiles											
4	22												

Page number	Question number	Answers																																																																																					
120		<table border="1"> <tr> <td rowspan="11" style="writing-mode: vertical-rl; transform: rotate(180deg);">Number of children</td> <td style="border: 1px solid black; text-align: center;">10</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: yellow;"></td> <td></td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">9</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: yellow;"></td> <td></td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">8</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: yellow;"></td> <td></td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">7</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: yellow;"></td> <td></td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">6</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: yellow;"></td> <td style="border: 1px solid black; width: 30px;"></td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">5</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: yellow;"></td> <td style="border: 1px solid black; width: 30px;"></td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">4</td> <td></td> <td></td> <td style="background-color: red;"></td> <td></td> <td style="background-color: yellow;"></td> <td style="border: 1px solid black; width: 30px;"></td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">3</td> <td></td> <td style="background-color: orange;"></td> <td style="background-color: red;"></td> <td></td> <td style="background-color: yellow;"></td> <td style="border: 1px solid black; width: 30px;"></td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">2</td> <td style="background-color: black;"></td> <td style="background-color: orange;"></td> <td style="background-color: red;"></td> <td></td> <td style="background-color: yellow;"></td> <td style="border: 1px solid black; width: 30px;"></td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">1</td> <td style="background-color: black;"></td> <td style="background-color: orange;"></td> <td style="background-color: red;"></td> <td style="background-color: green;"></td> <td style="background-color: yellow;"></td> <td style="border: 1px solid black; width: 30px;"></td> </tr> <tr> <td></td> <td style="background-color: black;"></td> <td style="background-color: orange;"></td> <td style="background-color: red;"></td> <td style="background-color: green;"></td> <td style="background-color: yellow;"></td> <td style="border: 1px solid black; width: 30px;"></td> </tr> <tr> <td></td> <td colspan="6" style="text-align: center;"><b>Colours</b></td> </tr> </table>	Number of children	10							9							8							7							6							5							4							3							2							1															<b>Colours</b>					
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122	1	<table border="1"> <thead> <tr> <th></th> <th style="background-color: #e0e0e0;">Red</th> <th style="background-color: #e0e0e0;">Yellow</th> <th style="background-color: #e0e0e0;">Blue</th> <th style="background-color: #e0e0e0;">Brown</th> <th style="background-color: #e0e0e0;">Orange</th> </tr> </thead> <tbody> <tr> <td style="background-color: #e0e0e0;">Number of children</td> <td style="text-align: center;">10</td> <td style="text-align: center;">10</td> <td style="text-align: center;">12</td> <td style="text-align: center;">6</td> <td style="text-align: center;">7</td> </tr> </tbody> </table>		Red	Yellow	Blue	Brown	Orange	Number of children	10	10	12	6	7																																																																									
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	2	<p>Answers will vary, for example:</p> <p>The same number of children chose red and yellow.</p> <p>The least popular colour is brown.</p> <p>The most popular colour is blue.</p>																																																																																					

Page number	Question number	Answers									
123		<p>Vertical axis label should be on the horizontal axis</p> <p>Horizontal axis label should be on the vertical axis</p> <p>Number four missing from vertical axis</p> <p>Cows didn't start at zero</p> <p>Wrong number of blocks drawn for cows</p> <p>Wrong number of blocks drawn for hens</p> <p>Title in wrong place</p> <p>Check children's graph against the data.</p>									
124		<table border="1"> <thead> <tr> <th></th> <th>2-digit number</th> <th>Not a 2-digit number</th> </tr> </thead> <tbody> <tr> <th>Odd</th> <td>55 83 17</td> <td>121 7</td> </tr> <tr> <th>Not odd</th> <td>36 72</td> <td>150 210 4</td> </tr> </tbody> </table>		2-digit number	Not a 2-digit number	Odd	55 83 17	121 7	Not odd	36 72	150 210 4
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Odd	55 83 17	121 7									
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125		<p>Answers will vary, accept any suitable answer, for example:</p> <p>Teams: football, hockey, rounders, rugby, cricket</p> <p>Individual: squash, swimming, tennis, gymnastics, cycling</p> <p>OR</p> <p>Ball sports: football, hockey, rounders, rugby, cricket, squash, tennis</p> <p>Not ball sport: gymnastics, swimming, cycling</p>									