

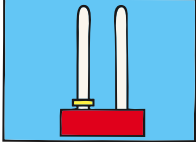
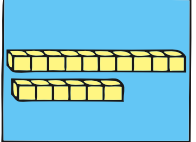
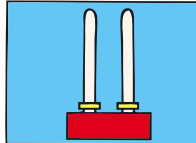
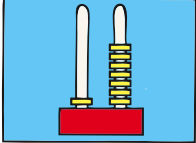
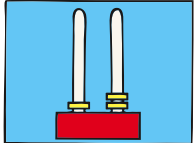
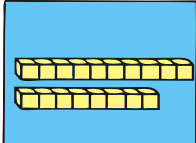
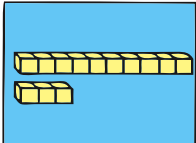
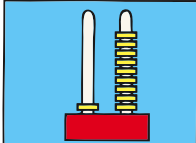
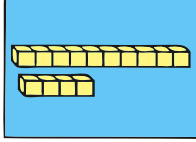
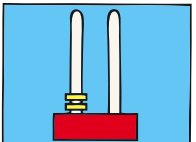
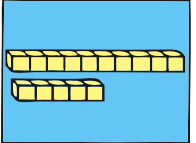
Answers to Scholastic National Curriculum Maths Practice Book for Year 1

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		3, 4, 7, 9
		7, 6, 4, 3, 2, 1
		1, 2, 5, 6, 7, 8, 10
		9, 7, 5, 4, 3, 1
7		5 candles; 8 houses; 9 ladybirds
		4 boats; 6 sweets; 3 trees; 2 cars
		10 flowers; 1 teddy bear; 7 cups
8		9, 10, 11, 12, 13
		18, 17, 16, 15, 14
		28, 29, 33, 34
		Answers will vary for the last train.
9	1	6 mittens
	2	10 shoes
	3	8 earrings
	4	12 boots
	5	14 ears
	6	18 hands
10	Example in teaching box	Missing number: 30
	1	1 hand and 5 fingers
	2	6 hands and 30 fingers
	3	3 hands and 15 fingers
	4	5 hands and 25 fingers
	5	2 hands and 10 fingers
11		40, 50, 60
		70, 60, 40
		50, 70, 80, 90
12	1	2, 4, 6, 8, 10, 12, 14, 16, 18, 20
	2	5, 10, 15, 20
	3	10, 20
	4	10 and 20

Page number	Question number	Answers						
13	1	Butterflies						
	2	Worms						
	3	Slugs						
	4	Green bugs						
14–15	1	twenty = 20 three = 3 eleven = 11 nine = 9 seventeen = 17 nineteen = 19 twelve = 12						
	2	four fourteen eighteen two						
	3	6 16 5 13						
16	1	6						
	2	4						
	3	2						
	4	7						
	5	3						
	6	1						
17	1	Children draw four or more apples.						
	2	Any number between 9 and 1						
	3	Children draw between 1 and 3 trees.						
	4	Children draw 7 bananas.						
18	1	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Less than 25</td> </tr> <tr> <td style="text-align: center;">12, 9</td> </tr> <tr> <td style="text-align: center;">Equal to 25</td> </tr> <tr> <td style="text-align: center;">25</td> </tr> <tr> <td style="text-align: center;">More than 25</td> </tr> <tr> <td style="text-align: center;">37, 74</td> </tr> </table>	Less than 25	12, 9	Equal to 25	25	More than 25	37, 74
	Less than 25							
12, 9								
Equal to 25								
25								
More than 25								
37, 74								
2	Box 1							
19		3, 5, 9, 11 2, 4, 8, 10, 14						

Page number	Question number	Answers			
20	1	1, 3, 4, 7, 9, 11, 13, 14, 16			
	2	20, 18, 15, 12, 10, 9, 8, 6, 5			
	3	30, 40, 50, 60, 70, 80, 90			
	4a	1 circled			
	4b	7 circled			
	4c	2 circled			
21	10		16		
	11		17		
	12		18		
	13		19		
	14		20		
	15				
	22	1	5, 16 9, 20		
		2	5, 10 2, 19		
		3	16, 27 64, 93		
		4	5, 32 57, 80		

Page number	Question number	Answers
23	1	7
	2	16
	3	43
	4	28
	5	50
	6	14
	7	9
	8	23
	9	45
	10	56
	11	94
	12	$10 + 3$
	13	$50 + 2$
24–25	1	$3 + 2 = 5$; 2 crabs are hiding
	2	$4 + 1 = 5$; 1 crab is hiding
	3	$4 + 1 = 5$; 4 crabs are hiding
	4	$2 + 3 = 5$; 3 crabs are hiding
	5	$3 + 2 = 5$; 3 crabs are hiding
	6	$5 + 0 = 5$; 0 crabs are hiding
26	1	$0 + 5 = 5$ $3 + 2 = 5$
		$1 + 4 = 5$ $4 + 1 = 5$
$2 + 3 = 5$ $5 + 0 = 5$		
2	$5 - 0 = 5$ $5 - 3 = 2$	
	$5 - 1 = 4$ $5 - 4 = 1$	
	$5 - 2 = 3$ $5 - 5 = 0$	
27	1	4
	2	2
	3	1
	4	0
	5	9
	6	5
	7	3
	8	10
	9	6

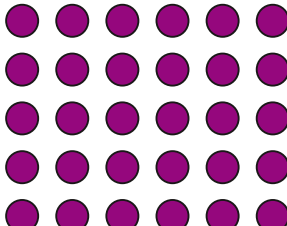
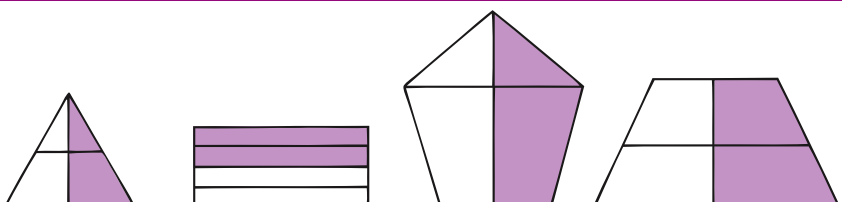
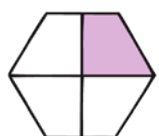
Page number	Question number	Answers
28		4, 6 1, 9
		10, 0 5, 5
		8, 2 3, 7
		0 and 10 3 and 7
		1 and 9 4 and 6
		2 and 8 5 and 5
		Accept digits in any order.
29	1	4
	2	7
	3	2
	4	1
	5	6
	6	8
	7	3
	8	5
30	1	4
	2	5
	3	6
	4	8
	5	4
	6	2
	7	10
	8	4
	9	6
	10	8
	11	7
	12	9

Page number	Question number	Answers	
31		$10 - 10 = 0$	$10 - 5 = 5$
		$10 - 9 = 1$	$10 - 4 = 6$
		$10 - 8 = 2$	$10 - 3 = 7$
		$10 - 7 = 3$	$10 - 2 = 8$
		$10 - 6 = 4$	$10 - 1 = 9$
32	1	2	
	2	5	
	3	2	
	4	8	
	5	3	
	6	5	
	7	3	
	8	9	
	9	4	
	10	4	
	11	3	
	12	3	
	13	2	
	14	1	
33		$5 + 6 = 11$	
		$8 + 5 = 13$	
		$4 + 10 = 14$	
		$10 + 8 = 18$	
		$6 + 7 = 13$	
		$7 + 4 = 11$	
34		$1 + 19$	$6 + 14$
		$2 + 18$	$7 + 13$
		$3 + 17$	$8 + 12$
		$4 + 16$	$9 + 11$
		$5 + 15$	

Page number	Question number	Answers
35		Pairs to make 17: 0 and 17 5 and 12 1 and 16 6 and 11 2 and 15 7 and 10 3 and 14 8 and 9 4 and 13 Accept numbers in any order.
36		$10 - 4 = 6$ $6 - 4 = 2$ $9 - 4 = 5$ $5 - 4 = 1$ $8 - 4 = 4$ $4 - 4 = 0$ $7 - 4 = 3$
37		1 and 7 4 and 10 2 and 8 5 and 11 3 and 9 6 and 12
38		5p, 2p, 1p 5p, 1p, 1p, 1p 2p, 2p, 2p, 2p 2p, 2p, 2p, 1p, 1p 2p, 2p, 1p, 1p, 1p, 1p 2p, 1p, 1p, 1p, 1p, 1p, 1p 1p, 1p, 1p, 1p, 1p, 1p, 1p, 1p Accept any four combinations of the above.
39		Least number of coins to make 18p: 10p, 5p, 2p, 1p. Other ways: Answers will vary, accept any variation that equals 18p.
40		Mouse: 10p change from 20p Car: 5p change from 20p Snake: 7p change from 20p Bus: 13p change from 20p
41	1	$10p + 3p = 13p$ $14p + 5p = 19p$
	2	$10p - 9p = 1p$ $10p - 4p = 6p$
	3	$20p - 7p = 13p$ $20p - 5p = 15p$
42		Child One – ✓ Child Two – ✗ Child Three – ✓







Page number	Question number	Answers
43	1	$2 + 5 = 7$ $5 + 2 = 7$ $7 - 2 = 5$ $7 - 5 = 2$
	2	$3 + 6 = 9$ $6 + 3 = 9$ $9 - 3 = 6$ $9 - 6 = 3$
	3	$4 + 5 = 9$
	4	$10 - 6 = 4$
	5	$12 - 4 = 8$
44	2	$5 + 2 = 7$
	3	$4 + 3 = 7$
	4	$5 + 4 = 9$
	5	13
	6	16
	7	12
	8	15
9	Answers will vary.	
45		$10 + 4 = 14$ $6 + 3 = 9$ $8 + 7 = 15$ $11 + 3 = 14$ $7 + 5 = 12$ No, addition is the same either way round, although it is easier to start with the larger number.
46		3, 2, 4, 6, 5 $2 + 3 = 5$ $5 + 2 = 7$ $7 + 4 = 11$ $11 + 6 = 17$ $17 + 5 = 22$
47	1	$4 + 3 + 7 = 14$
	2	$9 + 8 + 5 = 22$
	3	$1 + 3 + 5 = 9$
48	1	$10 + 10 + 10 = 30$
	2	$1 + 1 + 1 = 3$
	3	$10 + 9 + 8 = 27$ $3 + 2 + 1 = 6$

Page number	Question number	Answers																						
49		<table border="1"> <thead> <tr> <th>Name</th> <th>Beanbag targets</th> <th>New score</th> </tr> </thead> <tbody> <tr> <td>Ralph</td> <td>7</td> <td>14</td> </tr> <tr> <td>Leo</td> <td>8</td> <td>16</td> </tr> <tr> <td>Oliver</td> <td>3</td> <td>6</td> </tr> <tr> <td>Jessica</td> <td>5</td> <td>10</td> </tr> <tr> <td>Finley</td> <td>9</td> <td>18</td> </tr> <tr> <td>Enya</td> <td>1</td> <td>2</td> </tr> </tbody> </table>		Name	Beanbag targets	New score	Ralph	7	14	Leo	8	16	Oliver	3	6	Jessica	5	10	Finley	9	18	Enya	1	2
		Name	Beanbag targets	New score																				
		Ralph	7	14																				
		Leo	8	16																				
		Oliver	3	6																				
		Jessica	5	10																				
		Finley	9	18																				
Enya	1	2																						
50		$14 = 28$ $17 = 34$ $13 = 26$ $16 = 32$ $10 = 20$ $18 = 36$ $11 = 22$ $15 = 30$																						
		51		$2 + 3 = 5$	$5 + 6 = 11$																			
				$3 + 4 = 7$	$6 + 7 = 13$																			
				$4 + 5 = 9$	$7 + 8 = 15$																			
		52	1	$3 + 1 = 4$																				
			2	$3 + 2 = 5$																				
			3	$5 - 3 = 2$																				
4	$6 - 4 = 2$																							
53	1	$4 + 3 = 7$ camels																						
	2	$8 - 2 = 6$ penguins																						
	3	$5 + 3 = 8$ birds																						
	4	$9 - 3 = 6$ lions																						
54	1	$4 + 3 = 7$ flowers																						
	2	$8 - 3 = 5$ butterflies																						
	3	$10 - 3 = 7$ ants																						
	4	$9 - 4 = 5$ flowerpots																						
55	1	$11 - 7 = 4$ marbles																						
	2	$14 - 8 = 6$ stickers																						
	3	$20p - 16p = 4p$ change																						
	4	Answers will vary, for example, $10 + 5 = 15$.																						



Page number	Question number	Answers
56–57	1	$2 + 2 + 2 + 2 = 8$; 4 lots of 2 = 8
	2	$5 + 5 + 5 + 5 = 20$; 4 lots of 5 = 20
	3	$10 + 10 + 10 + 10 = 40$; 4 lots of 10 = 40
	4	$2 + 2 + 2 = 6$; 3 lots of 2 = 6
	5	$5 + 5 + 5 = 15$; 3 lots of 5 = 15
	6	$10 + 10 + 10 = 30$; 3 lots of 10 = 30
58–59	1	3 lots of 2 = $2 + 2 + 2 = 6$
	2	6 lots of 2 = $2 + 2 + 2 + 2 + 2 + 2 = 12$
	3	4 lots of 2 = $2 + 2 + 2 + 2 = 8$
	4	5 lots of 10 = $10 + 10 + 10 + 10 + 10 = 50$
	5	 6 lots of 5 = $5 + 5 + 5 + 5 + 5 + 5 = 30$
60	1	20 shared between 2 friends = 10 stickers each
	2	20 shared between 5 friends = 4 stickers each
	3	20 shared between 10 friends = 2 stickers each
61	1	Check that there are 10 groups with 2 buttons circled in each group.
	2	Check that there are 4 groups with 5 buttons circled in each group.
	3	Check that there are 2 groups with 10 buttons circled in each group.
62	1	Second square and third circle are half shaded.
	2	
63	1	6, 3
	2	4, 2
	3	8, 4
	4	10, 5
	5	2, 1
	6	8
	7	5
64	1	Third square and first circle are quarter shaded.
	2	
65	1	The rectangle, the triangle and the oval have half shaded.
	2	3 apples, 5 grapes.
	3	2 bananas, 3 pears

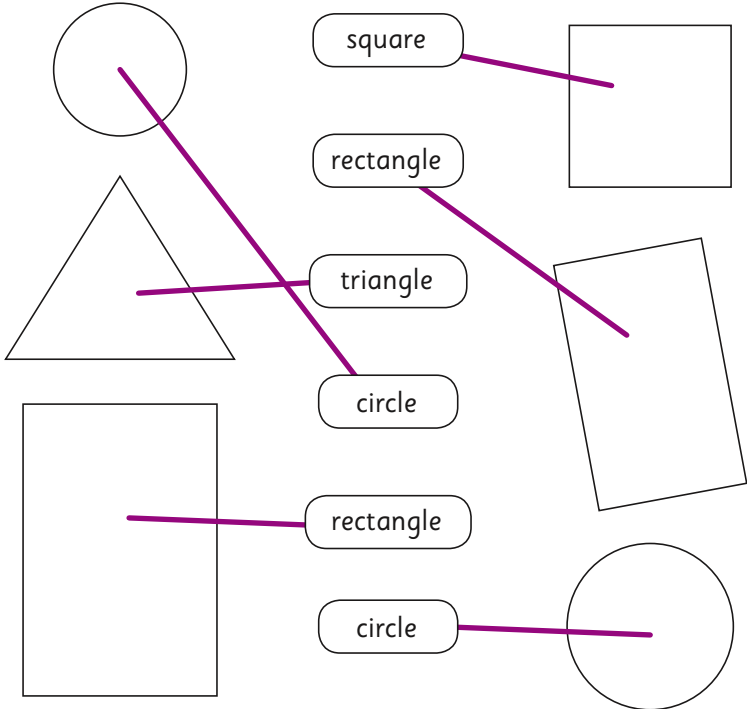

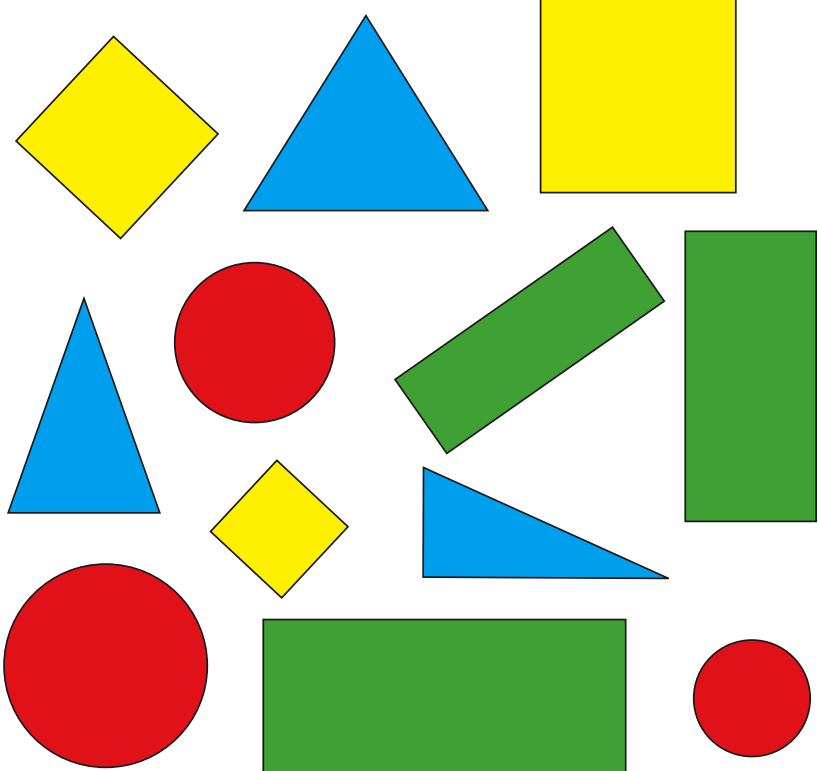
Page number	Question number	Answers
66	1	3
	2	2
	3	4
	4	5
	5	1
67	1	half
	2	quarter
	3	patterned
	4	Check 10 fish are coloured.
	5	Check 5 fish are coloured.
	6	Check 5 fish are coloured.
68		They should be numbered as the following (top to bottom): 6, 1, 7, 3, 5, 2, 4
69		Answers will vary, check children's measurements.
70		Answers will vary, check children's measurements.
71		Answers will vary, check children's measurements.
72	1	Erika
	2	1st – Erika 2nd – Carly 3rd – John 4th – Simon
73		30cm ruler: <ul style="list-style-type: none"> • Width of book • Length of toy car • Width of plate. Metre ruler: <ul style="list-style-type: none"> • Length of a lorry • Height of mum or dad • Height of kitchen cupboard
74		In order from shortest to longest: pink 10cm red 12cm yellow 15cm green 16cm black 18cm blue 20cm
75	1	2 cubes
	2	13 straws
	3	6cm
	4	20cm

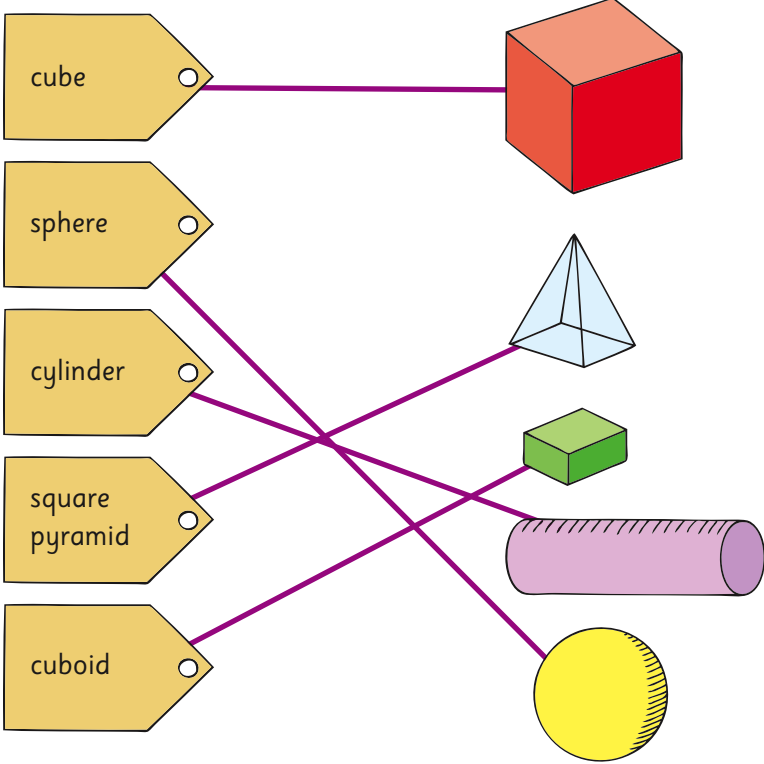

Page number	Question number	Answers										
76		Answers will vary, check children's measurements.										
77		Answers will vary, check children's measurements.										
78		Answers will vary, check children's measurements.										
79		Kilograms: <ul style="list-style-type: none"> • Weight of teacher • Weight of car • Weight of bag of potatoes Grams: <ul style="list-style-type: none"> • Weight of apple • Weight of shoe • Weight of pencil 										
80		Answers will vary, check children's measurements.										
81		<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Heaviest</td> <td>1</td> <td>6</td> <td>3</td> <td>7</td> <td>4</td> <td>2</td> <td>8</td> <td>5</td> <td>Lightest</td> </tr> </table>	Heaviest	1	6	3	7	4	2	8	5	Lightest
Heaviest	1	6	3	7	4	2	8	5	Lightest			
82		Answers will vary, check children's measurements.										
83	1	Biscuits; 2 cubes heavier										
	2	15 bags										
	3	19g										
	4	1 kg										
84		Answers will vary, check children's measurements.										
85		Answers will vary, check children's measurements.										
86		Answers will vary, check children's measurements.										
87		Answers will vary, check children's measurements.										
88		Answers will vary, check children's measurements.										
89		Litres: <ul style="list-style-type: none"> • Capacity of a bucket • Capacity of a petrol tank • Capacity of a bath Millilitres: <ul style="list-style-type: none"> • Capacity of a cup • Capacity of a spoon • Capacity of a yoghurt pot 										
90		<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Holds most</td> <td>1</td> <td>2</td> <td>4</td> <td>6</td> <td>3</td> <td>8 or 5</td> <td>5 or 8</td> <td>7</td> <td>Holds least</td> </tr> </table>	Holds most	1	2	4	6	3	8 or 5	5 or 8	7	Holds least
Holds most	1	2	4	6	3	8 or 5	5 or 8	7	Holds least			
91	1	3 cups; 6 cups in total										
	2	500ml										
	3	4 yoghurt pots										

Page number	Question number	Answers
92		<p>1 – Humpty Dumpty sat on a wall.</p> <p>2 – Humpty Dumpty had a great fall.</p> <p>3 – All the King’s horses and all the King’s men.</p> <p>4 – Couldn’t put Humpty together again.</p>
93	1	First
	2	Next
	3	Before
	4	After
94	1	Children’s own drawings.
	2	<p>The moon comes out – Evening.</p> <p>I get up – Morning.</p> <p>I come home from school – Afternoon.</p>
95		<p>Hands showing:</p> <p>2 o’clock  8 o’clock </p> <p>11 o’clock  6 o’clock </p> <p>4 o’clock  7 o’clock </p>
96		<p>Sam gets up in the morning – 7 o’clock.</p> <p>Sam eats lunch – 12 o’clock.</p> <p>Sam walks home with Mum – half past 3.</p> <p>Sam helps to make the tea – 5 o’clock.</p>
97		Answers will vary.

Page number	Question number	Answers
98		Minutes: <ul style="list-style-type: none"> • Washing the dishes • Drawing a picture • Walking the dog Hours: <ul style="list-style-type: none"> • A plane journey • Decorating a room Days: <ul style="list-style-type: none"> • Going on holiday
99		Children's own drawings.
100		January – snowman February – Valentine's day card March – daffodils or Easter egg April – Easter egg or daffodils May – lambs June – birds and tree July – ice cream or beach August – beach or ice cream September – school October – pumpkin November – fireworks December – Father Christmas Some answers may vary as shown.

Page number	Question number	Answers
101	1	Hands showing: 7 o'clock 
	2	Hands showing: Half past 8 
	3	1 – Monday 2 – Thursday 3 – Friday 4 – Saturday
	4	1 – January 2 – August 3 – September 4 – October
102	1	Beth has 7p
	2	Frankie has 11p
	3	Raj has 13p
	4	Chocco or chew chew
	5	3p
	6	4
103	1	£4
	2	10p 50p
	3	20p, 5p and 5p 10p, 10p and 10p

Page number	Question number	Answers
104		
105	1	<p>Children complete the shapes to show a circle, square and triangle.</p> 
	2	<p>Circle to complete the stick man. Triangle to add a roof to the house. Rectangle to put a funnel on the train.</p>
106		Answers will vary.
107		

Page number	Question number	Answers
108		<ul style="list-style-type: none"> • Rectangle: I have 2 pairs of sides that are the same length. My matching sides are opposite. • Triangle: I have 3 sides. All my sides are straight. • Square: I have 4 sides. My sides are all the same length. • Circle: I am always round. I have no straight sides.
109		
110		Answers will vary.
111		cuboid, cylinder sphere, pyramid cylinder, cube
112		

Page number	Question number	Answers
113		<p>Shapes that roll:</p> <ul style="list-style-type: none"> • Can of beans • Football • Toilet roll • Marble • Party hat <p>Shapes that do not roll:</p> <ul style="list-style-type: none"> • Book • Dice • Biscuit box
114		<ul style="list-style-type: none"> • Sphere: I am a solid shape with just one face. I am very useful in lots of sports! • Pyramid: I am a solid shape with a pointed top. My base is square. There are some famous buildings my shape. • Cuboid: I am a solid shape with six faces. Some of my faces are rectangles. I am useful for putting cereal in. • Cylinder: I am a solid shape with three faces. I have a circle at each end and I roll. You could put baked beans in me!
115		<p>The diagram illustrates the relationship between 2D and 3D shapes. A central box labeled '2D shapes' is connected to a yellow circle labeled 'circle' and a blue rectangle labeled 'rectangle'. A central box labeled '3D shapes' is connected to a yellow sphere labeled 'sphere' and a blue cylinder labeled 'cylinder'. A green pyramid labeled 'pyramid' is also shown, connected to the '3D shapes' box.</p>
116	1	Circle, Circle, Triangle
	2	Triangle, Square
	3	Square, Square, Circle
	4	Rectangle, Triangle, Square
	5	Circle, Square, Circle, Circle

Page number	Question number	Answers
117	1	18
	2	Square, Triangle
118–119	1	left
	2	under
	3	above OR on top of
	4	middle
	5	bottom
	6	doll
120–121	1	near/close
	2	inside
	3	outside
	4	up; down
	5	near/close
	6	far
	7	around
122		Turn on a point: <ul style="list-style-type: none"> • Windmill • Clothes dryer • Tap • Clock hands • Video camera • Blind Turn on a line: <ul style="list-style-type: none"> • Scissors • Book • Door • Box lid
123		Answers will vary.
124	1	Quarter turn
	2	Whole turn
	3	Half turn
	4	Quarter turn
	5	Half turn
	6	Quarter turn
125	1	8
	2	12
	3	5
	4	27
	5	7
	6	25