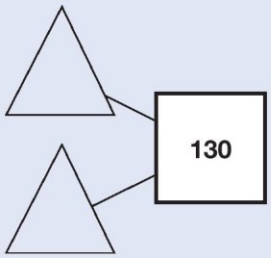
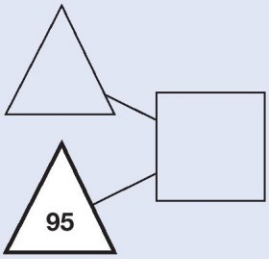
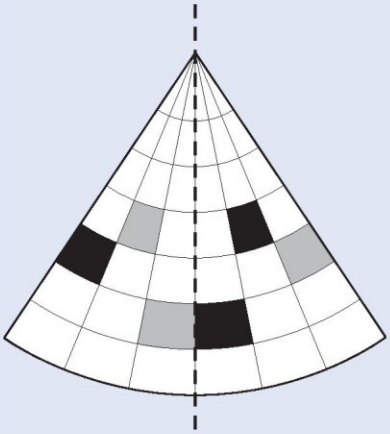
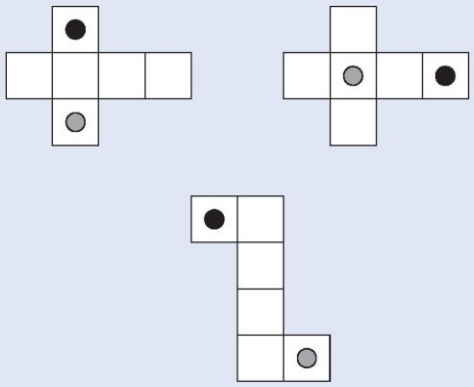
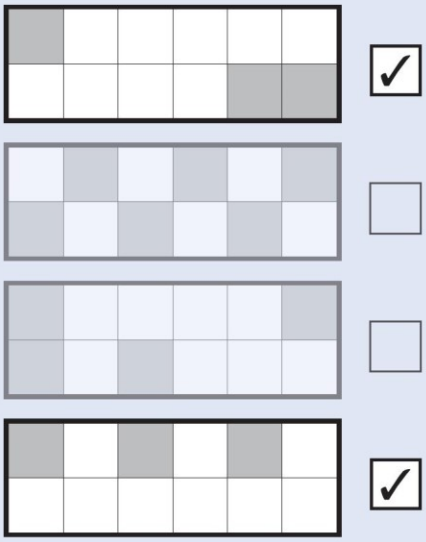
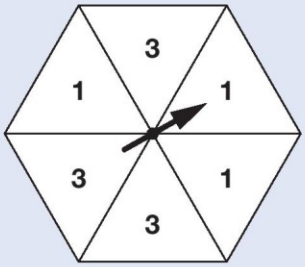
Question	Requirement	Mark	Additional guidance
1a		1m	
1b		1m	
2	Diagram completed as shown: 	1m	Accept inaccurate shading, provided the intention is clear. Accept alternative unambiguous indications.
3	Number circled as shown: 338 3030 **(288)** 313 130	1m	Accept alternative unambiguous indications.
4	Grid completed as shown: × 1 2 3 4 5 1 2 3 4 ✓ 5 ✓	1m	Accept alternative unambiguous indications, eg 20 written only in the correct squares.

Question	Requirement	Mark	Additional guidance
5	Award **TWO** marks for three diagrams completed as shown:  If the answer is incorrect, award **ONE** mark for two diagrams correct.	**Up to 2m** U1	Accept alternative unambiguous indications.
6a	4	**1m**	
6b	Gives an answer in the range $4\frac{1}{2}$ km to $5\frac{1}{2}$ km exclusive.	**1m**	**Do not** accept $4\frac{1}{2}$ **OR** $5\frac{1}{2}$
6c	D	**1m**	
7	Award **TWO** marks for a correct answer of £47 If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg £39 + £55 = £94 £94 ÷ 2 = wrong answer	**Up to 2m**	Working must be carried through to reach an answer for the award of **ONE** mark.
8	£18.85	**1m**	
9	Award **ONE** mark for three boxes ticked or crossed correctly as shown: £1.03 can be made with exactly **1** coin. ☒ £1.03 can be made with exactly **2** coins. ☒ £1.03 can be made with exactly **3** coins. ☑ £1.03 can be made with exactly **4** coins. ☑	**1m**	Accept alternative unambiguous indications.

<table>
<tr><th>Question</th><th>Requirement</th><th>Mark</th><th>Additional guidance</th></tr>
<tr><td>10</td><td>Award TWO marks for the correct answer of
A AND B
If the answer is incorrect, award ONE mark for:
■ A only
OR
■ B only
OR
■ A AND B AND not more than one incorrect letter.</td><td>Up to 2m</td><td>Accept alternative unambiguous indication.</td></tr>
<tr><td>11</td><td>Award TWO marks for all values correct as shown:
<table><tr><th>Number</th><th>Rounded to the nearest whole number</th></tr><tr><td>5.05</td><td>5</td></tr><tr><td>5.55</td><td>6</td></tr><tr><td>4.45</td><td>4</td></tr><tr><td>4.54</td><td>5</td></tr></table>If the answer is incorrect, award ONE mark for three numbers correctly rounded.</td><td>Up to 2m</td><td></td></tr>
<tr><td>12</td><td>Award TWO marks for all four values correct as shown:
15 × 100 = 1500
150 × 10 = 1500
15000 ÷ 100 = 150
150 ÷ 10 = 15
If the answer is incorrect, award ONE mark for three values correct.</td><td>Up to 2m</td><td></td></tr>
<tr><td>13</td><td>(2, 4)</td><td>1m</td><td></td></tr>
</table>

Question	Requirement	Mark	Additional guidance
14	Diagram ticked correctly as shown: 	1m	Accept alternative unambiguous indications.
15	**M**egan, **C**hen, **A**lfie, **N**ina	1m U1	Accept other unambiguous abbreviations or recognisable misspellings.
16	Award **TWO** marks for the correct answer of £3.85 If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg £10 – £2.30 = £7.70 £7.70 ÷ 2 = wrong answer	Up to 2m	Working must be carried through to reach an answer for the award of **ONE** mark.
17a 17b	4km 4:15pm	1m 1m	The answer is a specific time (see general guidance on page 7).

Question	Requirement	Mark	Additional guidance
18	An arrangement where each section contains either 1 **OR** 3, eg  	**1m** U1	Numbers may be repeated any number of times, in any order. Accept negative odd numbers. **Do not** accept answers that leave sections blank or use zero.
19	Award **TWO** marks for the correct answer of 34 If the answer is incorrect, award **ONE** mark for evidence of appropriate working which contains no more than **ONE** arithmetical error, eg: ■ repeated addition/subtraction methods, eg 816 −240 10 × 24 576 −240 10 × 24 336 −240 10 × 24 96 −48 2 × 24 48 −48 2 × 24 0 wrong answer ■ factor/multiple methods, eg 816 ÷ 8 = 102 102 ÷ 3 = wrong answer ■ short division algorithm wrong answer 24 ⟌ 81^{9}6 ■ long division algorithm wrong answer 24 ⟌ 816 −720 96 −96 0 ■ fraction method $\frac{816}{24} = \frac{408}{12} = \frac{204}{6}$ = wrong answer	**Up to 2m**	In all cases accept follow-through of **ONE** error in working. Working must be carried through to reach an answer for the award of **ONE** mark. Variations on algorithms are acceptable, provided they represent a viable and complete method. **Do not** award any marks if the final answer is missing. **No mark** is awarded for repeated addition/subtraction the wrong number of times. Short division methods must be supported by evidence of appropriate carrying figures to indicate use of a division algorithm.

Question	Requirement	Mark	Additional guidance
20	Award **TWO** marks for the correct answer of 300 If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg $1\frac{1}{2}$ kg = 1500g 1.2 kg = 1200g 1500g – 1200g = wrong answer	**Up to 2m**	Answer must be in grams for the award of **TWO** marks. **Do not** accept 0.3kg. Working must be carried through to reach an answer for the award of **ONE** mark.
21	Award **TWO** marks for the correct answer of 160 If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg: ■ 64 ÷ 2 = 32 64 + 64 + 32 = wrong answer **OR** ■ 64 × 5 = 320 320 ÷ 2 = wrong answer	**Up to 2m** U1	Working must be carried through to reach an answer for the award of **ONE** mark.
22	Numbers in order, as shown: 0.5 $\frac{3}{5}$ 0.65 $\frac{2}{3}$	**1m**	Accept equivalent decimals, percentages or fractions.

Question	Requirement	Mark	Additional guidance
23	Award **TWO** marks for the correct answer of 54 If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg 8 × 4 = 32 3 × 4 = 12 5 × 2 = 10 32 + 12 + 10 = wrong answer	**Up to 2m**	Working must be carried through to reach an answer for the award of **ONE** mark.
24	Award **TWO** marks for the correct answer of cake **40 p** **AND** biscuit **25 p** If the answer is incorrect, award **ONE** mark for: ■ answers reversed, ie: cake = 25p **AND** biscuit = 40p **OR** ■ one of the two costs correct **OR** ■ for evidence of appropriate working, eg cost of cake + biscuit + biscuit = 90p cake = biscuit + 15p 90p – 15p = 75p 75p ÷ 3 + 15p = wrong answer	**Up to 2m** U1	Accept for **ONE** mark 0.40p **OR** £40 **AND** 0.25p **OR** £25 as evidence of appropriate working. Working must be carried through to reach an answer for the award of **ONE** mark.
25	An explanation which recognises that Chen is more likely than Megan to choose a 4, eg: ■ 'Chen and Megan both have one 4, but Megan has more other numbers' ■ 'Chen has 1 out of 4, but Megan only 1 out of 5' ■ 'Megan has four counters that aren't 4 but Chen only has three' ■ 'Megan has a 20% chance and Chen has a 25% chance'.	**1m** U1	No mark is awarded for circling 'Yes' alone. **Do not** accept vague or incomplete explanations, eg: ■ 'Megan has more counters' ■ 'Megan can choose a 5 but Chen can't' If 'No' is circled but a correct, unambiguous explanation is given, then award the mark.