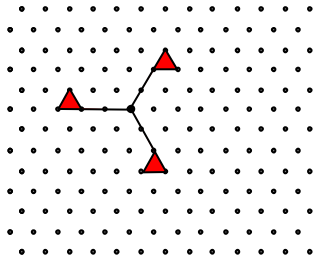


	Give one mark for each ●	Illustrations for awarding mark
1(a)	● ¹ carry out calculation correctly	● ¹ 143.73
1(b)	● ¹ carry out calculation correctly	● ¹ 25.8
1(c)	● ¹ carry out calculation correctly	● ¹ 4466
1(d)	● ¹ knowing how to find $\frac{5}{6}$ ● ² carry out calculation correctly	● ¹ $\frac{1}{6}$ of £72 = £12 ● ² £12 × 5 = £60
		5 marks KU
2(a)	● ¹ identifying highest & lowest temperatures ● ² subtracting correctly	● ¹ 19 - (-13) ● ² 32°C
2(b)	● ¹ subtracting 12 from winter temperature	● ¹ -25°C
		3 marks KU
3	● ¹ number between 1 and 10 ● ² correct power of 10	● ¹ 2.3 ● ² × 10 ⁻⁴
		2 marks KU
4	● ¹ knowing to rotate 120° (two more flags) ● ² 1st rotational symmetry correct ● ³ 2nd rotational symmetry correct	
		3 marks RE

	Give one mark for each •	Illustrations for awarding mark																								
5	<ul style="list-style-type: none"> •¹ knowing AC is an axis of symmetry •² knowing diagonals are perpendicular •³ calculating angle 	<ul style="list-style-type: none"> •¹ angle CAB = 48° •² angle ABD = 42° or angle ACB = 48° •³ angle ABC = 84 <p style="text-align: right;">3 marks RE</p>																								
6(a)	<ul style="list-style-type: none"> •¹ breaking bracket correctly •² simplifying expression correctly 	<ul style="list-style-type: none"> •¹ $6x + 9y - 6x$ •² $9y$ 																								
6(b)	<ul style="list-style-type: none"> •¹ gathering like terms •² solving for x 	<ul style="list-style-type: none"> •¹ $4x = 13$ •² $x = \frac{13}{4}$ <p style="text-align: right;">4 marks KU</p>																								
7	<ul style="list-style-type: none"> •¹ knowing 1st digit is 6 •² completing 3 lines correctly •³ completing another 3 lines correctly 	<table style="margin-left: auto; margin-right: auto;"> <tbody> <tr><td>6</td><td>2</td><td>3</td><td>5</td></tr> <tr><td>6</td><td>2</td><td>5</td><td>3</td></tr> <tr><td>6</td><td>3</td><td>2</td><td>5</td></tr> <tr><td>6</td><td>3</td><td>5</td><td>2</td></tr> <tr><td>6</td><td>5</td><td>2</td><td>3</td></tr> <tr><td>6</td><td>5</td><td>3</td><td>2</td></tr> </tbody> </table> <p style="text-align: right;">3 marks RE</p>	6	2	3	5	6	2	5	3	6	3	2	5	6	3	5	2	6	5	2	3	6	5	3	2
6	2	3	5																							
6	2	5	3																							
6	3	2	5																							
6	3	5	2																							
6	5	2	3																							
6	5	3	2																							
8(a)	<ul style="list-style-type: none"> •¹ correct entries for 5 and 6 •² correct entry for 10 	<ul style="list-style-type: none"> •¹ 12 & 15 •² 27 																								
8(b)	<ul style="list-style-type: none"> •¹ and •² correct formula 	<ul style="list-style-type: none"> •¹ & •² $c = 3b - 3$ 																								
8(c)	<ul style="list-style-type: none"> •¹ substituting into formula •² solving for b 	<ul style="list-style-type: none"> •¹ $3b - 3 = 63$ •² $b = 22$ <p style="text-align: right;">6 marks RE</p>																								

Total marks: KU 14 RE 15