
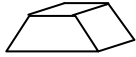
		
10	(a) Time Jamie left (b) Distance at 10.20 (c) Time spent at friends	<b>10.10</b> <b>6.5km</b> <b>30min</b>	1 1 1	10
11	Temp at start Time to reach 70°C	<b>20°C</b> <b>25sec</b>	1 1	11
<b>D</b>	<b>Shape, Space and Measure</b>		<b>Mark</b>	<b>Criteria</b>
12	Properties of quadrilaterals	a) Trapezium b) Parallelogram c) Square d) Rhombus	½ each	12
13	Missing angle in quadrilateral Find x	$360 - (119 + 105 + 78) = 360 - 302 = 58$ $x = 180 - 58 = \underline{122^\circ}$	1 1	13
14	Find missing angle (a) (b)	$x = 180 - 50 = \underline{130^\circ}$ (straight line = 180) $y = \underline{50^\circ}$ (alternate angles are equal)	1 1	14
15	Exterior angle of octagon	$360 \div 8 = \underline{45^\circ}$	1	15
16	a) Side elevation  b) Sketch	 a) Side  b) Sketch	1  1	16

17	Enlargement sf 3		1	17																																			
18	Describe 2 different transformations	1. Reflection in $y=x$ 2. Translation 1 across; 1 down as vector or $\begin{pmatrix} 1 \\ -1 \end{pmatrix}$	1 1	18																																			
19	Construction of triangle	All sides 4cm Evidence of intersecting arcs	1	19																																			
20	Find TSA of cuboid	$2(4 \times 5) + 2(3 \times 5) + 2(4 \times 3)$ $= 40 + 30 + 24$ <b><math>94\text{cm}^2</math></b>	1 1	20																																			
21	Find area of circle with radius 7cm	$\pi \times 7^2$ <b><math>=153.9\text{cm}^2</math></b>	1 1	21																																			
<b>E</b>	<b>Data Handling</b>		<b>Mark</b>	<b>Criteria</b>																																			
22	Complete a 2-way table	<table border="1"> <thead> <tr> <th></th> <th>London</th> <th>York</th> <th>Total</th> </tr> </thead> <tbody> <tr> <th>Boys</th> <td><b>23</b></td> <td><b>14</b></td> <td><b>37</b></td> </tr> <tr> <th>Girls</th> <td><b>19</b></td> <td><b>24</b></td> <td><b>43</b></td> </tr> <tr> <th>Total</th> <td><b>42</b></td> <td><b>38</b></td> <td><b>80</b></td> </tr> </tbody> </table>		London	York	Total	Boys	<b>23</b>	<b>14</b>	<b>37</b>	Girls	<b>19</b>	<b>24</b>	<b>43</b>	Total	<b>42</b>	<b>38</b>	<b>80</b>	2 (-1 per error)	22																			
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Total	<b>42</b>	<b>38</b>	<b>80</b>																																				
23	Complete a stem & leaf diagram	<table> <tbody> <tr> <td>14</td> <td> </td> <td>7</td> <td>7</td> <td>7</td> <td>8</td> <td></td> </tr> <tr> <td>15</td> <td> </td> <td>1</td> <td>2</td> <td>3</td> <td>5</td> <td>8 8</td> </tr> <tr> <td>16</td> <td> </td> <td>4</td> <td>5</td> <td>6</td> <td>6</td> <td>7</td> </tr> <tr> <td>17</td> <td> </td> <td>1</td> <td>2</td> <td>8</td> <td></td> <td></td> </tr> <tr> <td>18</td> <td> </td> <td>9</td> <td>9</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-left: 20px;">Key: <b>17</b>   <b>8 = 178</b></div>	14		7	7	7	8		15		1	2	3	5	8 8	16		4	5	6	6	7	17		1	2	8			18		9	9				1 Key  1 Diagram	23
14		7	7	7	8																																		
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24	3 coins	<table> <tbody> <tr> <td>HHH</td> <td>TTT</td> </tr> <tr> <td>HHT</td> <td>TTH</td> </tr> <tr> <td>THH</td> <td>HTT</td> </tr> <tr> <td>HTH</td> <td>THT</td> </tr> </tbody> </table>	HHH	TTT	HHT	TTH	THH	HTT	HTH	THT	1	24																											
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25	Find missing p	$0.2 + 0.14 + 0.3 = 0.64$ $1 - 0.64 = \mathbf{0.36}$	1	25																																			
26	(a)Type of correlation (b)Draw line of best fit	<b>Positive</b>	1	26																																			

	(c) Arm length 75cm find height	Height ~ <b>175cm</b>	1	
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