

Question	Answer	Marks	AO Element	Notes	Guidance
1	Corresponding	1			
2	12	2		<b>M1</b> for $360 \div 30$	
3	[x = ] 112 [y = ] 68	2		<b>B1</b> for each	
4	[a = ] 59 [b = ] 37 [c = ] 84	3		<b>B1</b> for each If 0 scored, <b>SC1</b> for <i>their</i> $(a + b + c) = 180$ if $a, b, c > 0$	
5	25	2		<b>B1</b> for 130 seen or <b>M1</b> for $50 \div 2$	
6	130	2		<b>M1</b> for $360 - 100$ or better	
7	109	3		<b>M1</b> for $(180 - 38) \div 2$ oe <b>M1</b> for $180 - \textit{their ACB}$	

Mega Lecture

Question	Answer	Marks	AO Element	Notes	Guidance
8	77 with two correct properties	4		<p><b>B2</b> for 77</p> <p>or <b>M1</b> for <math>360 - 298</math></p> <p><b>B1</b> for angles [at a] point [add to] 360</p> <p><b>B1</b> for angles [in a] quadrilateral [add to] 360</p>	
9	45	2		<p><b>B1</b> for angles at <math>M</math> or <math>K = 45</math> or angle at <math>L = 90</math></p>	
10	<p>[<math>x =</math>] 38</p> <p>[<math>y =</math>] 22</p>	3		<p><b>B1</b> for [<math>x =</math>] 38</p> <p>and</p> <p><b>B2</b> for [<math>y =</math>] 22</p> <p>or <b>M1</b> for angle <math>ACB =</math> <i>their</i> <math>x</math></p> <p>or angle <math>BAD = 60</math></p> <p>or angle <math>CBA = 120</math></p>	
11	38	2		<p><b>B1</b> for <math>AOB = 76</math></p>	
12(a)	29	1			
12(b)	128	2		<p><b>FT</b></p> <p><math>180 - 2(55 - \text{their (a)})</math></p> <p><b>M1</b> for angle <math>OCA</math> or angle <math>OAC = 55 - \text{their (a)}</math> soi</p>	

Question	Answer	Marks	AO Element	Notes	Guidance
12(c)	64	1		<b>FT</b> <i>their (b)</i> $\div 2$	
12(d)	116	1		<b>FT</b> $180 - \textit{their (c)}$	
13	96	2		<b>M1</b> for $360 - (66 + 98 + 112)$	
14(a)	84	1			
14(b)	28	1			
14(c)	Alternate	1			
15	126	4		<p><b>M3</b> for</p> $\frac{360 - [180 - (360 \div 5)]}{2}$ <p>or</p> $\frac{360 - 180 \times (5 - 2) \div 5}{2}$ <p>or <b>M2</b> for <math>\frac{180 \times (5 - 2)}{5}</math></p> <p>or <math>180 - \frac{360}{5}</math></p> <p>or <b>M1</b> for <math>180 \times (5 - 2)</math></p> <p>or <math>\frac{360}{5}</math></p>	
					[Total: 40]

Mega Lecture