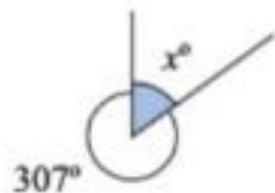


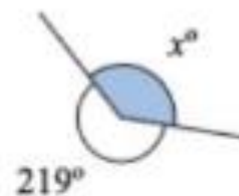
**A1** Find the value  $x$



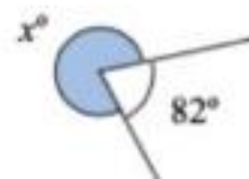
**A2** Find the value  $x$



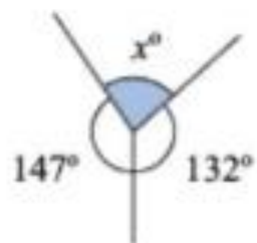
**A3** Find the value  $x$



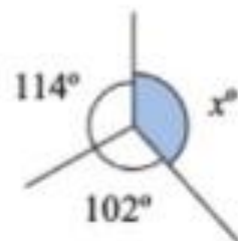
**A4** Find the value  $x$



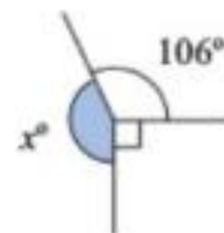
**B1** Find the value  $x$



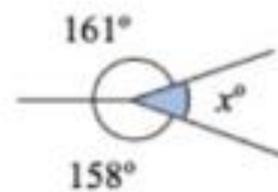
**B2** Find the value  $x$



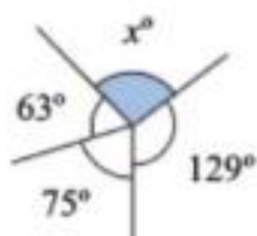
**B3** Find the value  $x$



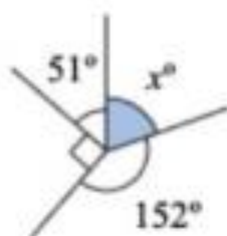
**B4** Find the value  $x$



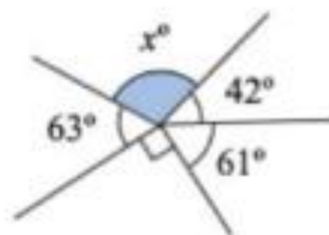
**C1** Find the value of  $x$



**C2** Find the value of  $x$



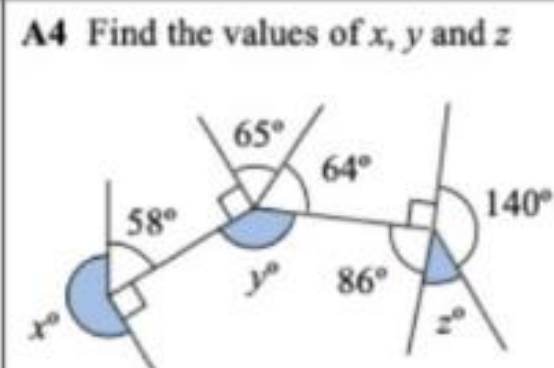
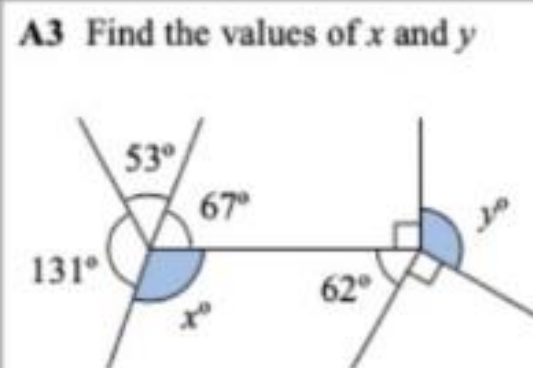
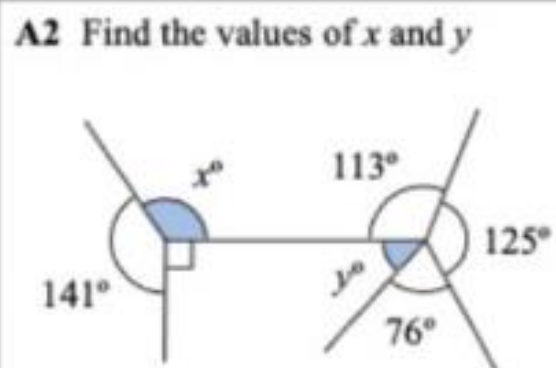
**C3** Find the value of  $x$



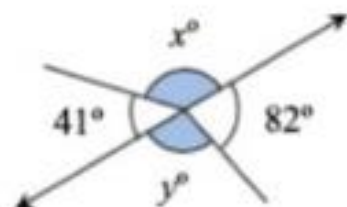
**C4** Find the value of  $x$



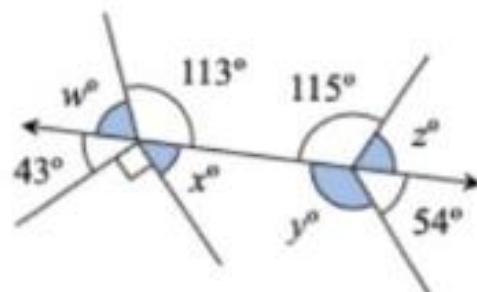
**A1** Three angles measure  $97^\circ$ ,  $145^\circ$  and  $118^\circ$ .  
Do these three angles fit exactly around a point?  
Explain your answer.



**B1** Find the values of  $x$  and  $y$

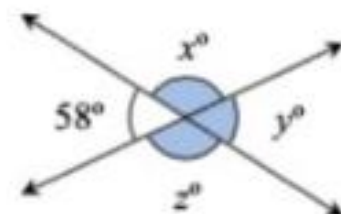


**B2** Find the values of  $w$ ,  $x$ ,  $y$  and  $z$

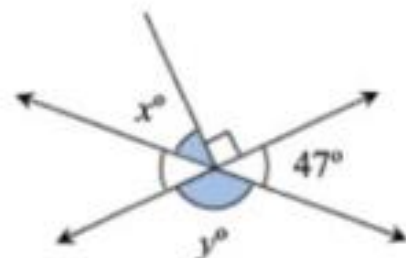


**B3** Five angles measure  $78^\circ$ ,  $95^\circ$ ,  $113^\circ$ ,  $162^\circ$  and  $187^\circ$ .  
Which of them can be put together to fit exactly around a point?

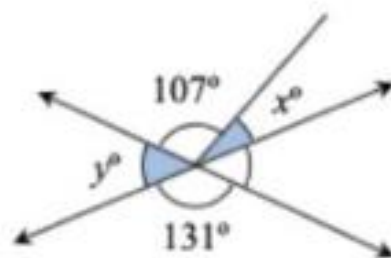
**B4** Find the values of  $x$ ,  $y$  and  $z$



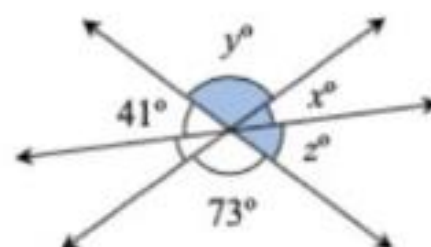
**C1** Find the values of  $x$  and  $y$



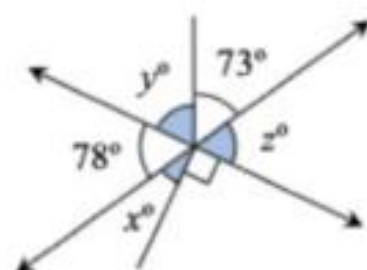
**C2** Find the values of  $x$  and  $y$

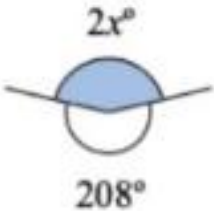
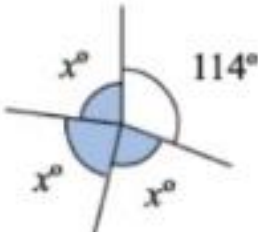
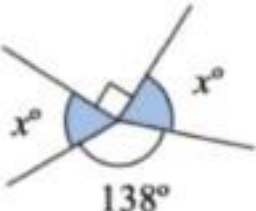
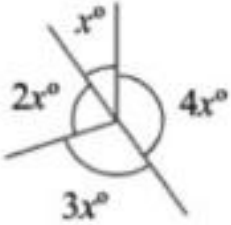
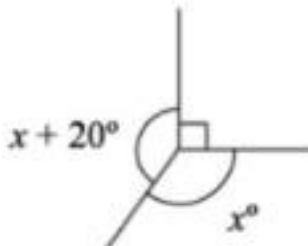
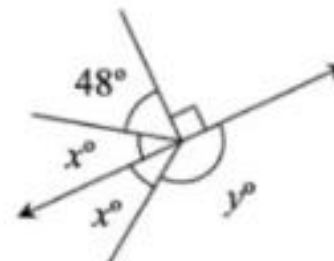


**C3** Find the values of  $x$ ,  $y$  and  $z$



**C4** Find the values of  $x$ ,  $y$  and  $z$



<p><b>A1</b> Find the value of <math>x</math></p> 	<p><b>A2</b> Find the value of <math>x</math></p> 	<p><b>A3</b> Find the value of <math>x</math></p> 	<p><b>A4</b> Find the size of each of the four angles</p> 
<p><b>B1</b> Find the value of <math>x</math></p> 	<p><b>B2</b> Three angles fit exactly around a point. The second angle is <math>20^\circ</math> more than the first angle. The third angle is twice the size of the second angle. Find the size of each of the three angles.</p>	<p><b>B3</b> Find the values of <math>x</math> and <math>y</math></p> 	<p><b>B4</b> Find the values of <math>x</math> and <math>y</math></p> 