

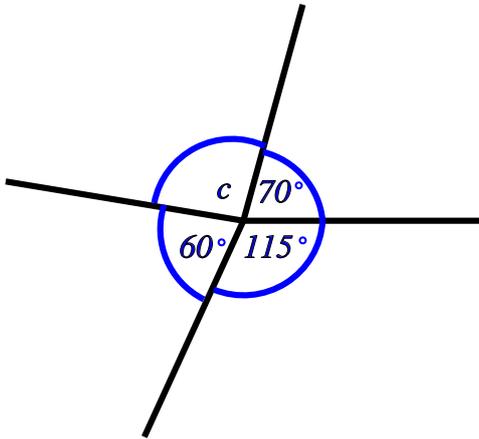
# Angles at a point

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

Mark / 8 %

1) Find the value of  $c$

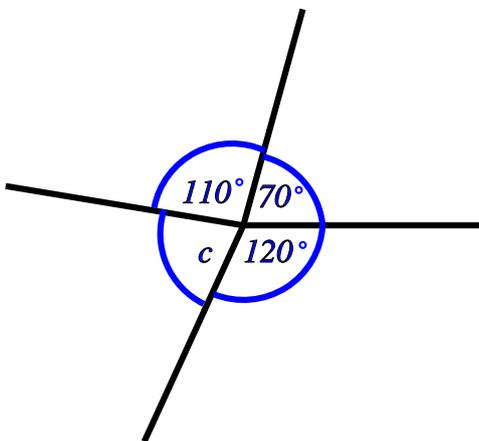
[1]



$c =$    $^\circ$

2) Find the value of  $c$

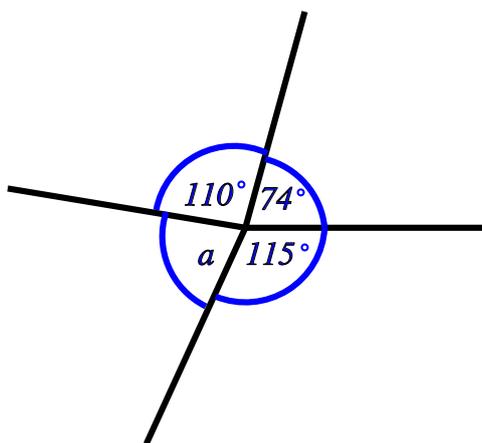
[1]



$c =$    $^\circ$

3) Find the value of  $a$

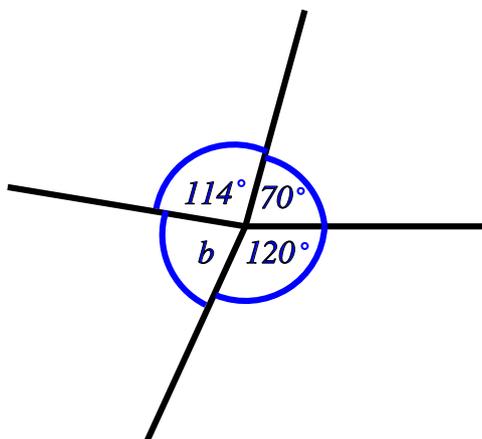
[1]



$a =$    $^\circ$

4) Find the value of  $b$

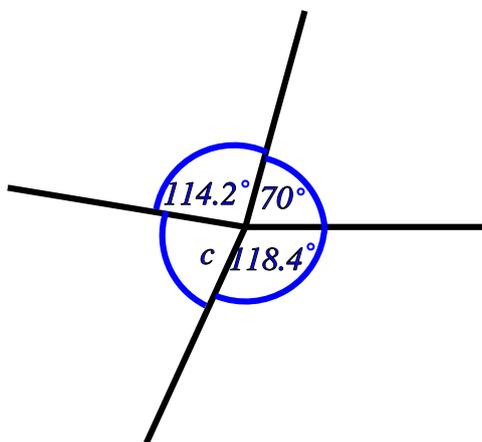
[1]



$b =$    $^\circ$

5) Find the value of  $c$

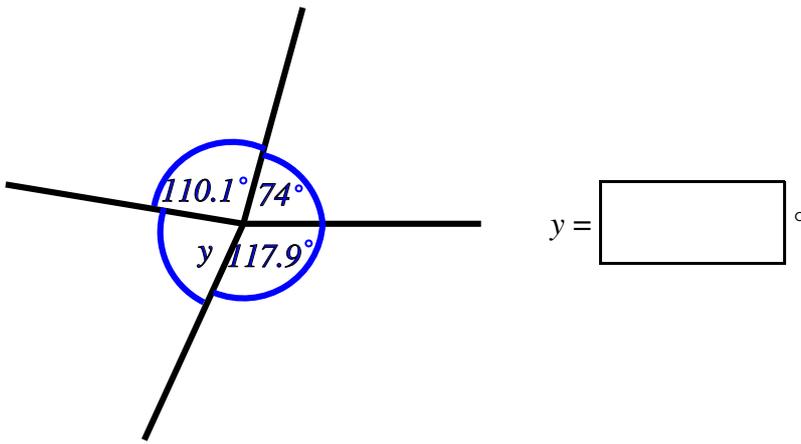
[1]



$c =$    $^\circ$

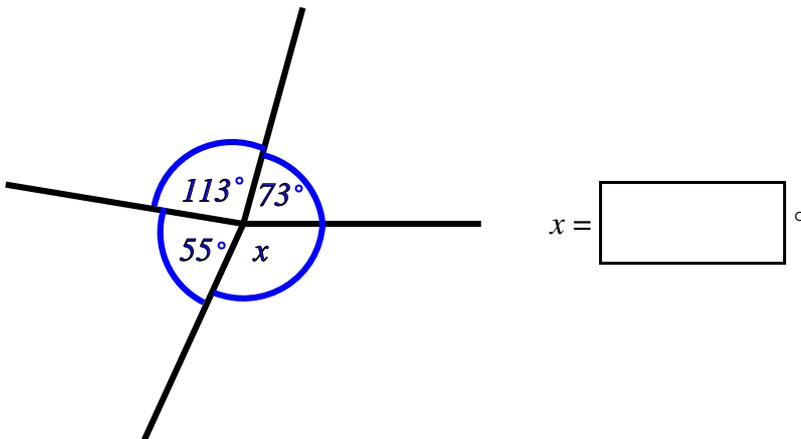
6) Find the value of  $y$

[1]



7) Find the value of  $x$ , **giving a reason for your answer.**

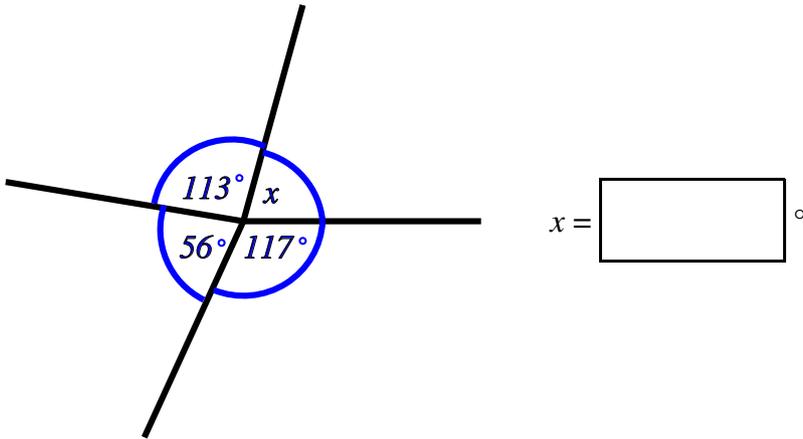
[1]



**Reason:**

8) Find the value of  $x$ , giving a reason for your answer.

[1]



Reason:

**Solutions for the assessment Angles at a point**

1)  $c = 115^\circ$

2)  $c = 60^\circ$

3)  $a = 61^\circ$

4)  $b = 56^\circ$

5)  $c = 57.4^\circ$

6)  $y = 58^\circ$

7)  $x = 119^\circ$  (Angles at a point sum to 360)

8)  $x = 74^\circ$  (Angles at a point sum to 360)