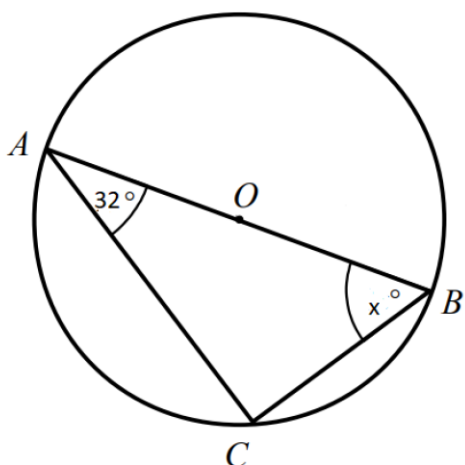




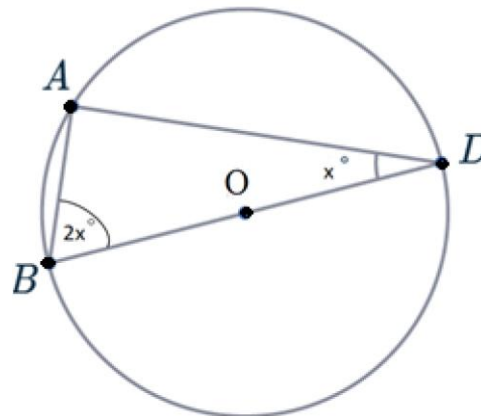
## Circle Theorems Exam Practice

In all questions, the centre is marked O. Reasons must be given for all answers.



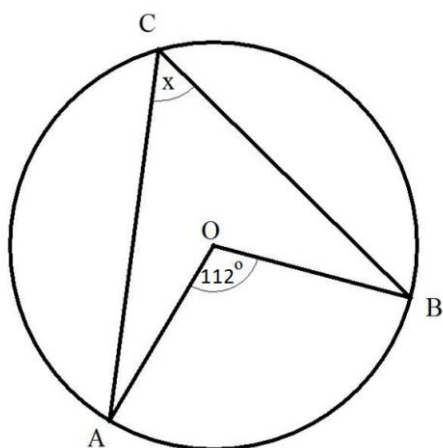
Find angle  $x$ .

(2 marks)



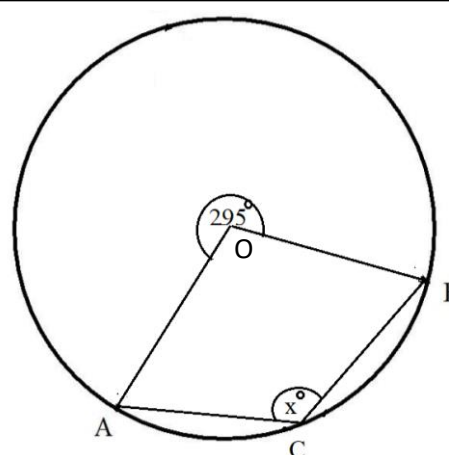
Find angle  $x$ .

(2 marks)



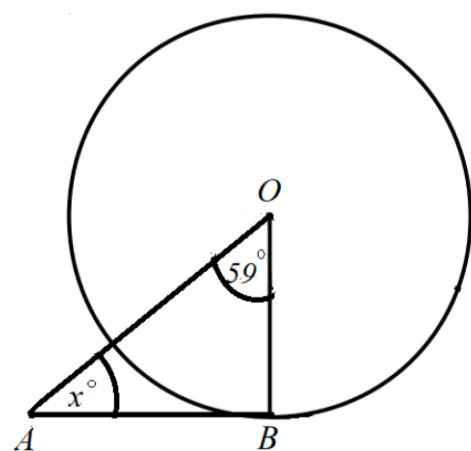
Find angle  $x$ .

(2 marks)



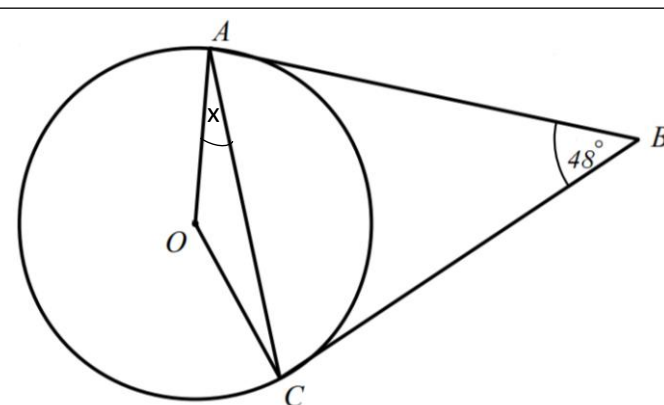
Find angle  $x$ .

(2 marks)



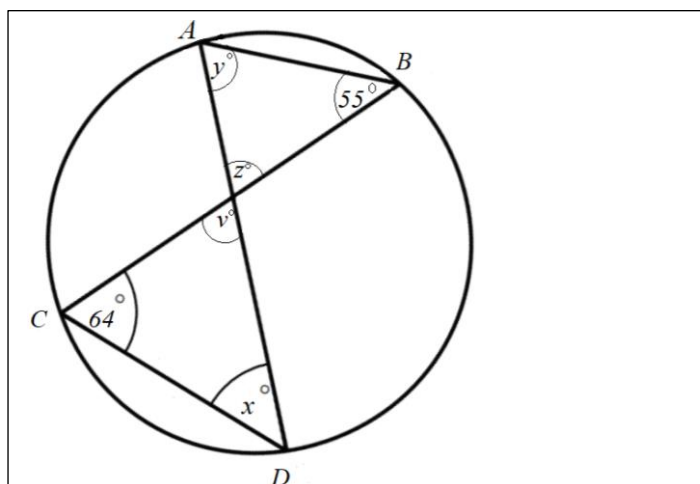
Find angle  $x$ .

(2 marks)

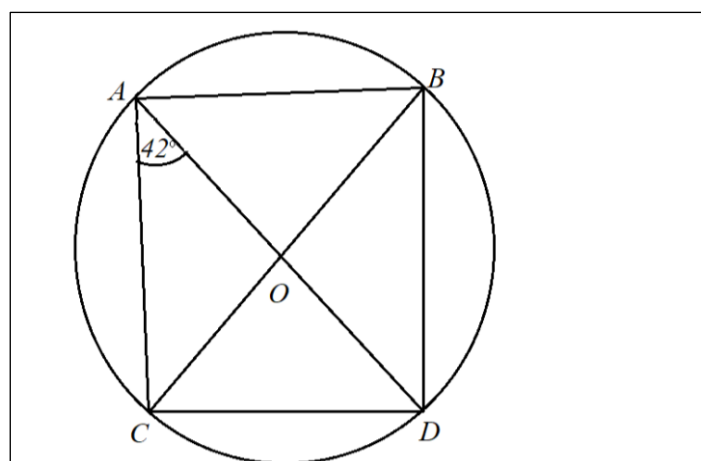


Find angle  $x$ .

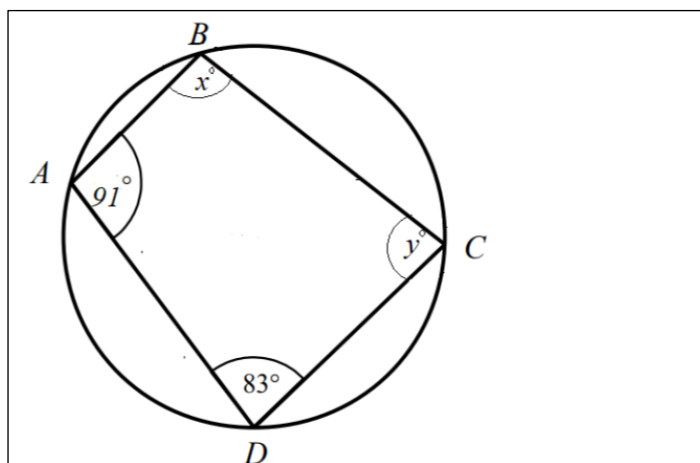
(2 marks)



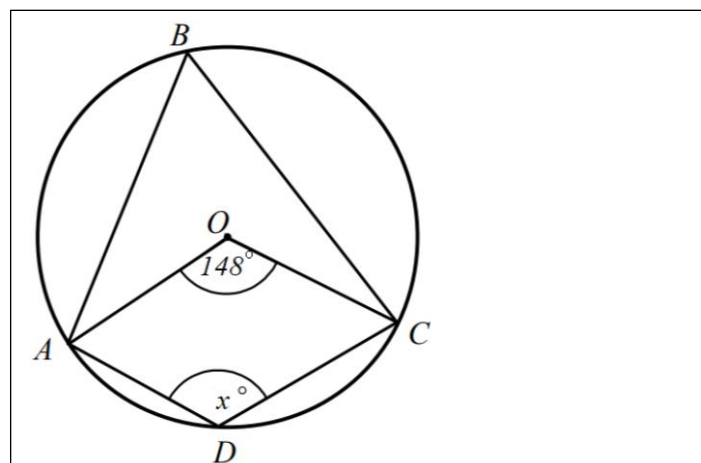
Find the angles marked  $v$ ,  $x$ ,  $y$  and  $z$ .  
(4 marks)



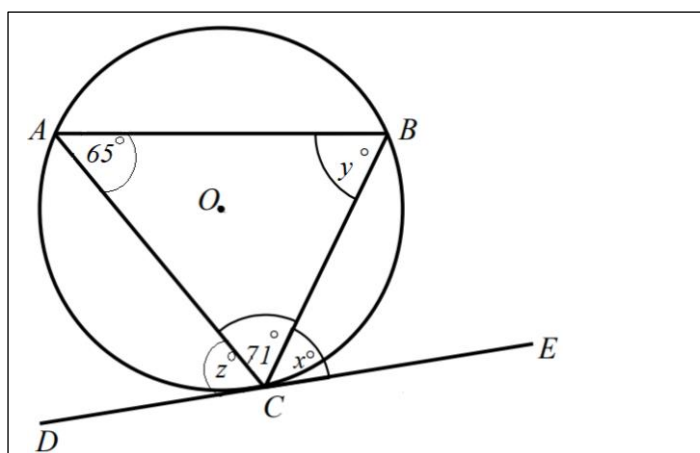
Find angles ACO, COD, and BDO.  
(4 marks)



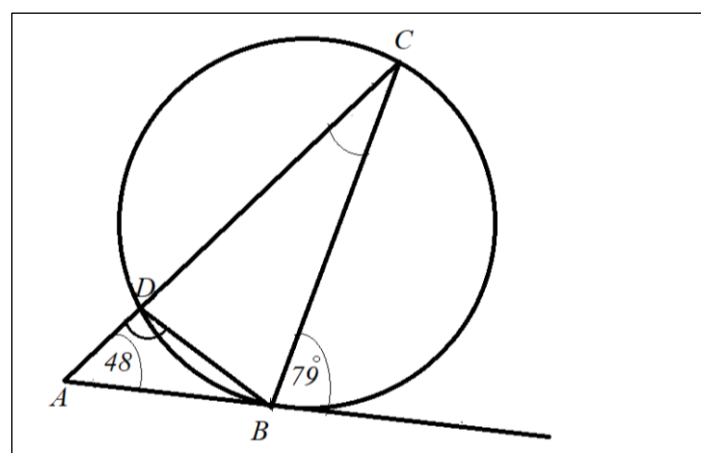
Find the angles marked  $x$  and  $y$ .  
(4 marks)



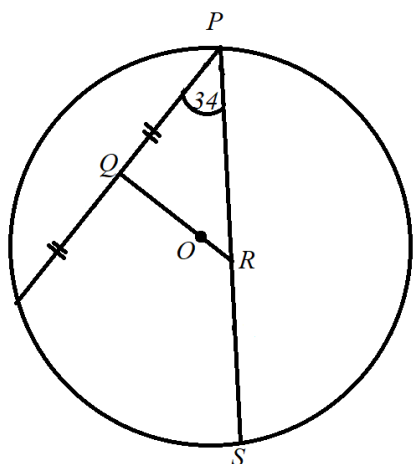
Find angle  $x$ .  
(3 marks)



Find angles marked  $x$ ,  $y$  and  $z$ .  
(5 marks)

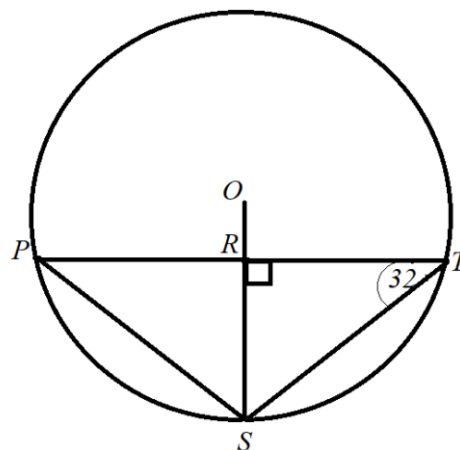


Find angles ADB and ACB.  
(5 marks)



Find angle QRS.

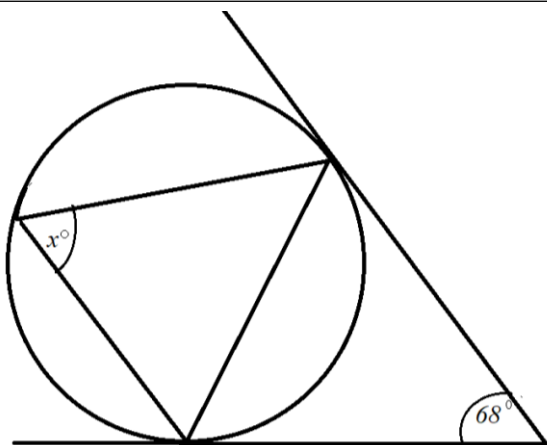
(3 marks)



Find angles RPS, PRS and RST.

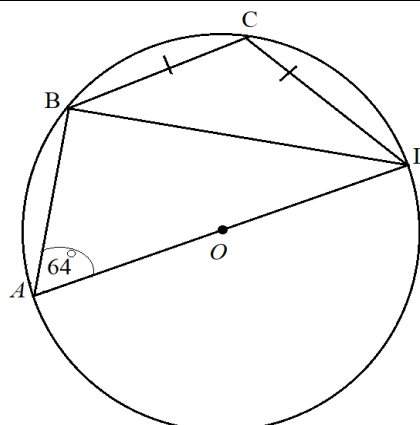
(4 marks)

### Mixed Applied Practice Questions



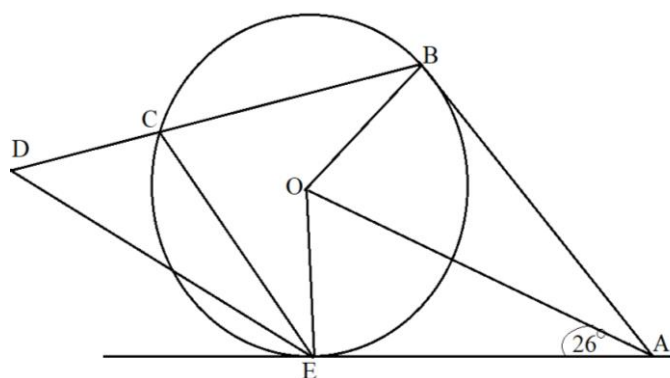
Find angle  $x$ .

(3 marks)



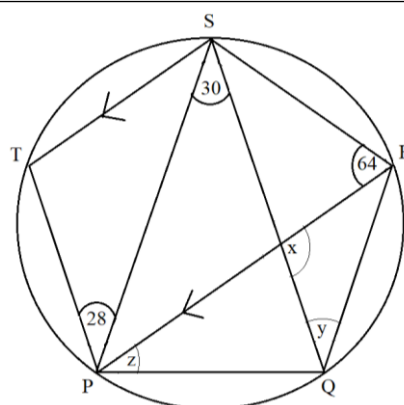
Find angles ABD, CBD, BCD and ADB.

(5 marks)



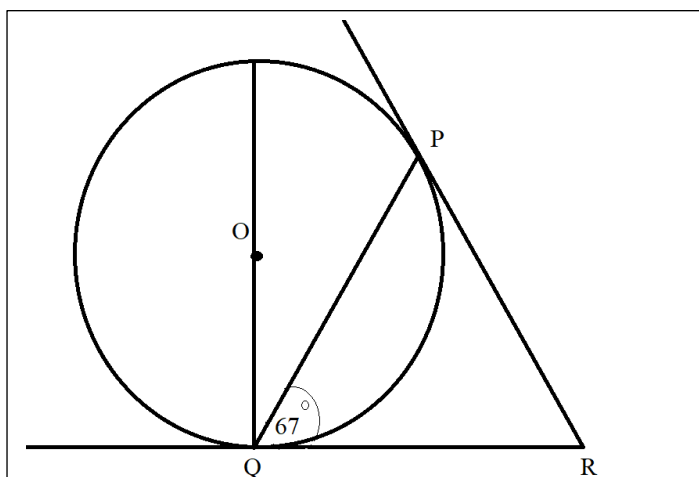
Find angle DCE.

(5 marks)



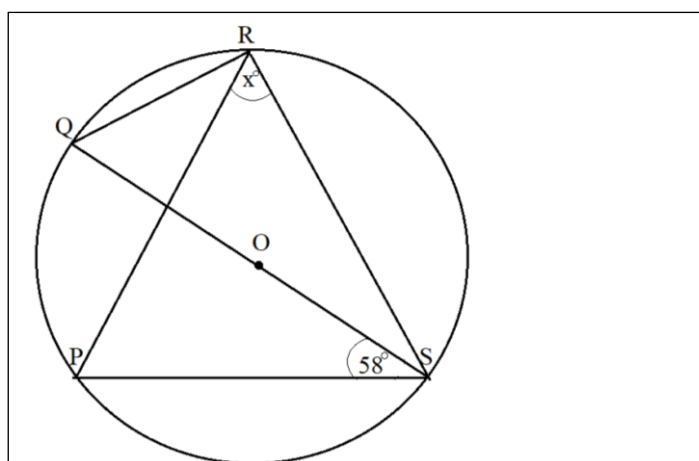
Find angles  $x$ ,  $y$  and  $z$ .

(5 marks)



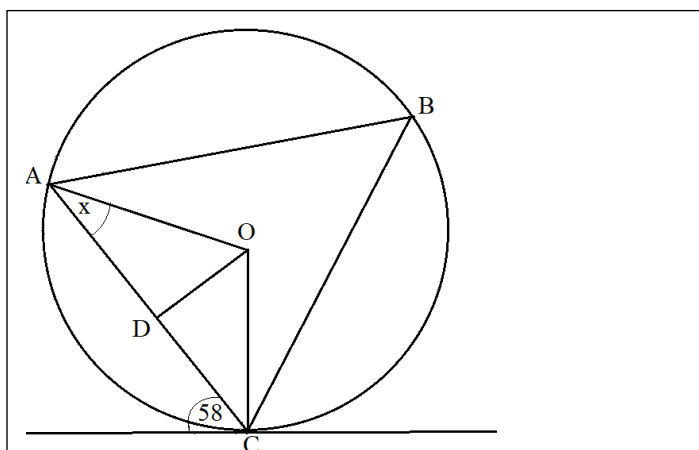
Find angles  $PRQ$  and  $OQP$

(4 marks)



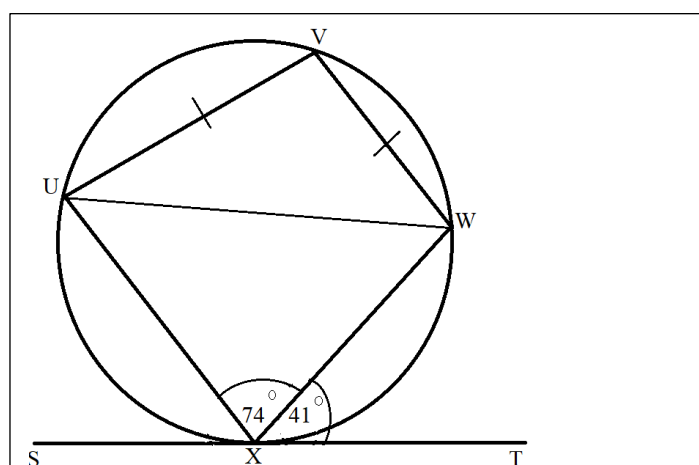
Find angle  $x$ .

(3 marks)



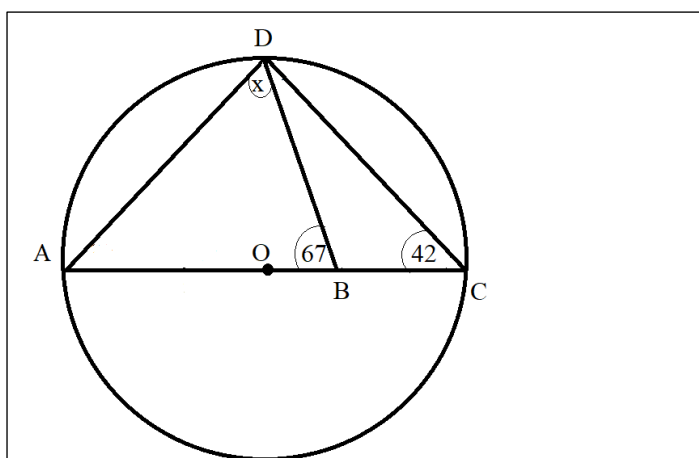
Find angle  $x$ .

(5 marks)



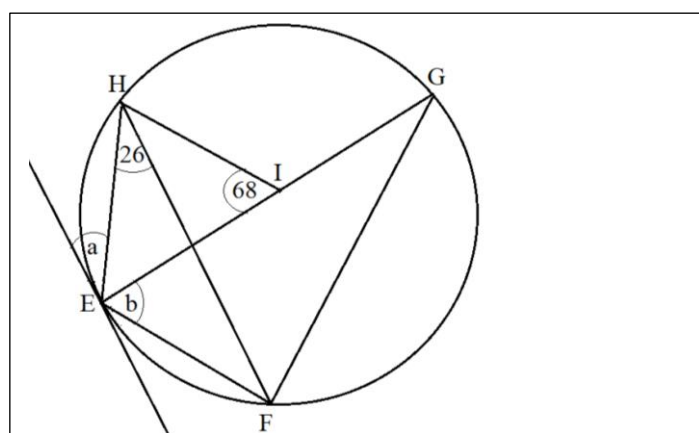
Find angles  $UWX$ ,  $UVW$  and  $VUW$

(5 marks)



Find angle  $x$ .

(3 marks)



Find angles  $a$  and  $b$ .

(5 marks)