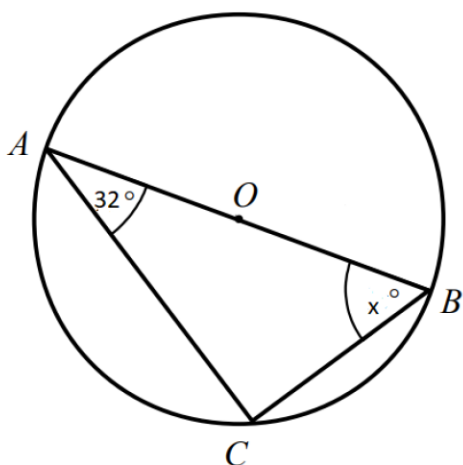




Circle Theorems Exam Practice

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

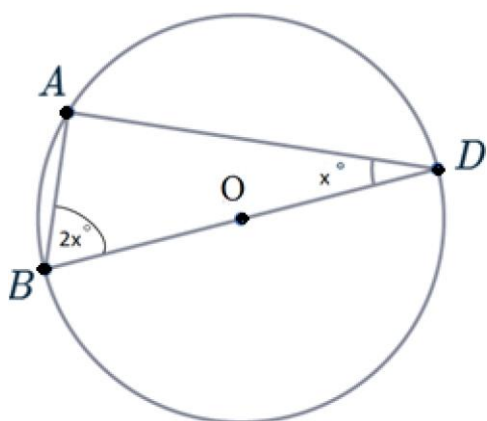
Q1.



Find angle x .

Answer: _____
(2 marks)

Q2.

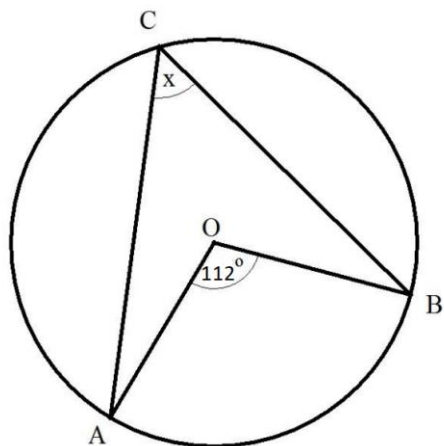


Find angle x .

Answer: _____
(2 marks)



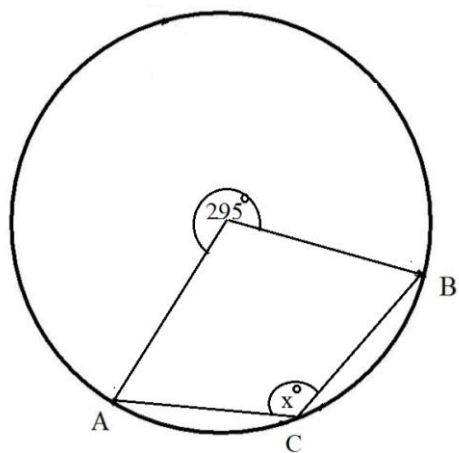
Q3.



Find angle x .

Answer: _____
(2 marks)

Q4.

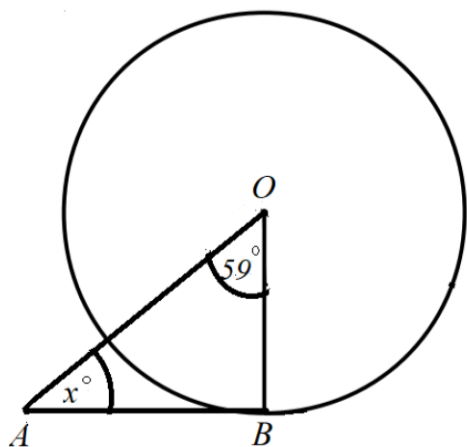


Find angle x .

Answer: _____
(2 marks)



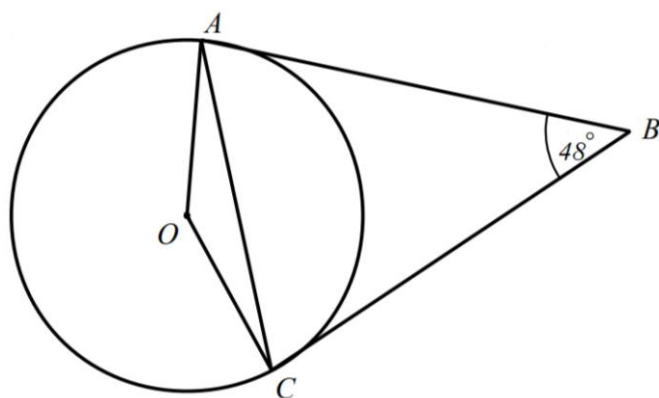
Q5.



Find angle x .

Answer: _____
(3 marks)

Q6.

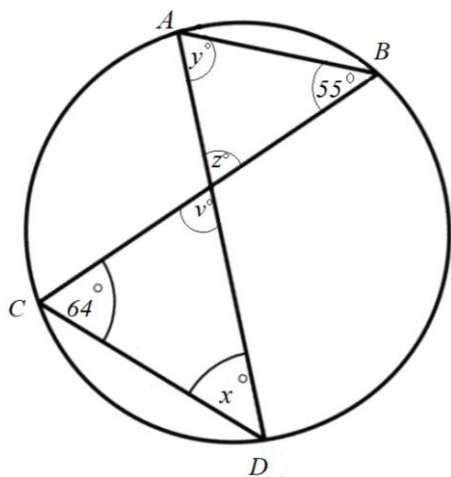


Find angle x .

Answer: _____
(3 marks)



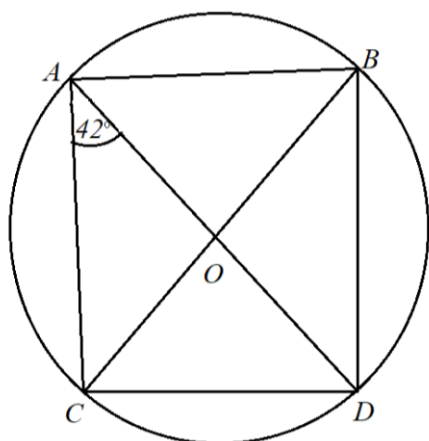
Q7.



Find the angles marked v , x , y and z .

Answer: _____
(4 marks)

Q8.

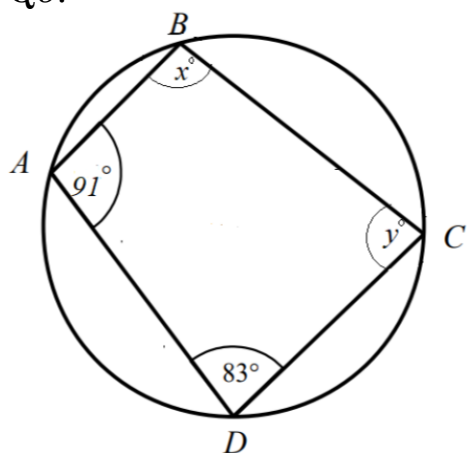


Find angles ACO, COD, and BDO.

Answer: _____
(3 marks)



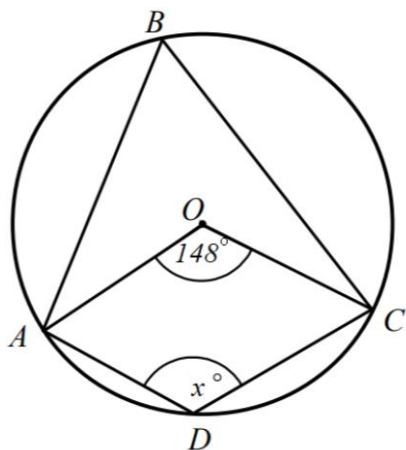
Q9.



Find the angles marked x and y .

Answer: _____
(4 marks)

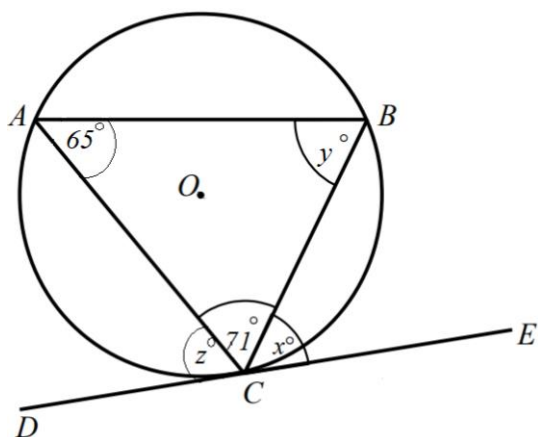
Q10.



Answer: _____
(3 marks)



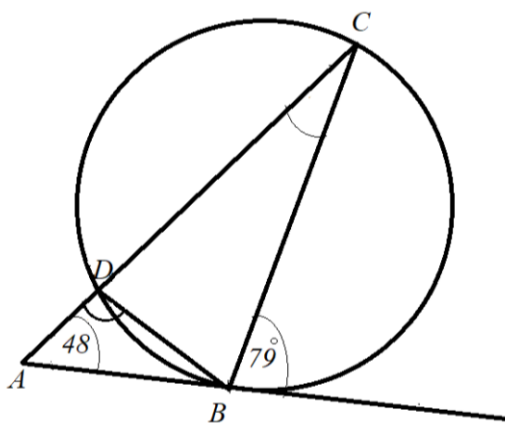
Q11.



Find angles marked x , y and z .

Answer: _____
(5 marks)

Q12.

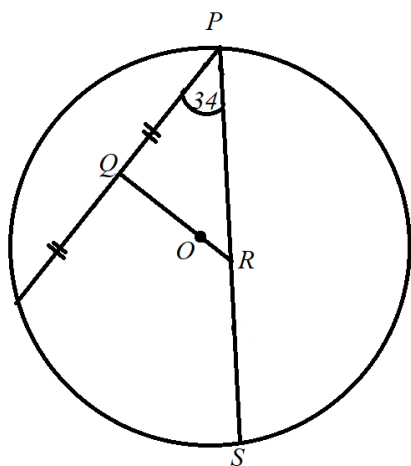


Find angles ADB and ACB .

Answer: _____
(5 marks)



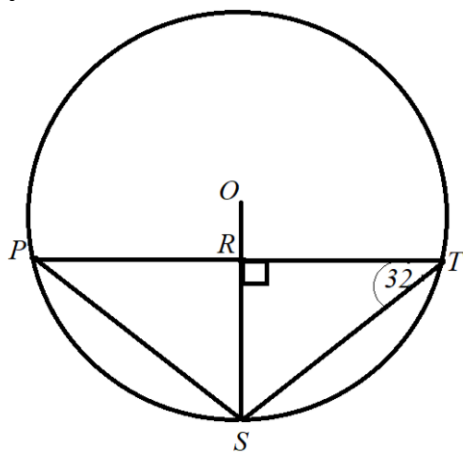
Q13.



Find angle QRS.

Answer: _____
(3 marks)

Q14.



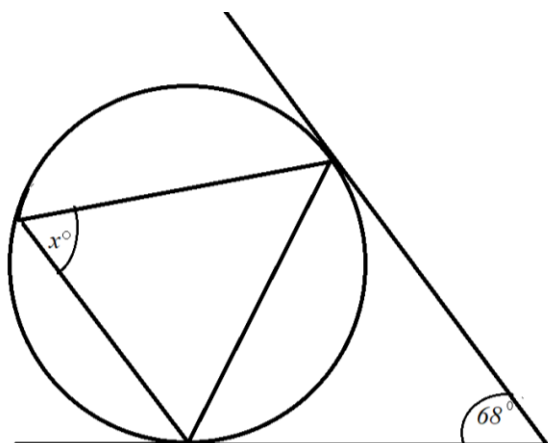
Find angles RPS, PRS and RST.

Answer: _____
(3 marks)



Problem Questions:

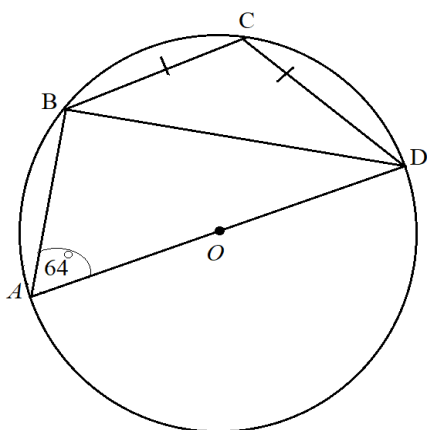
Q15.



Find angle x .

Answer: _____
(3 marks)

Q16.

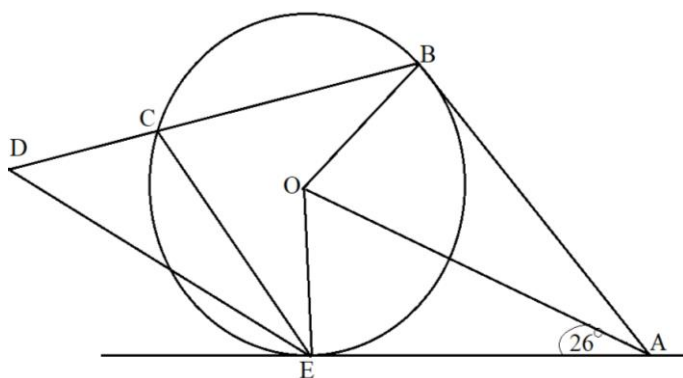


Find angles ABD, CBD, BCD and ADB.

Answer: _____
(5 marks)



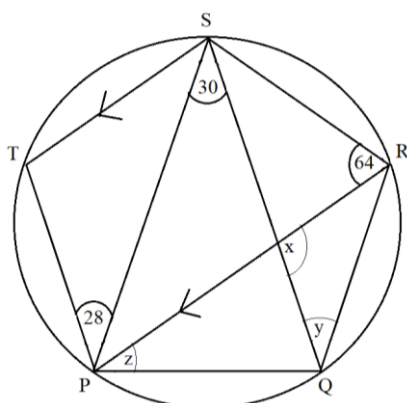
Q17.



Find angle DCE.

Answer: _____
(5 marks)

Q18.

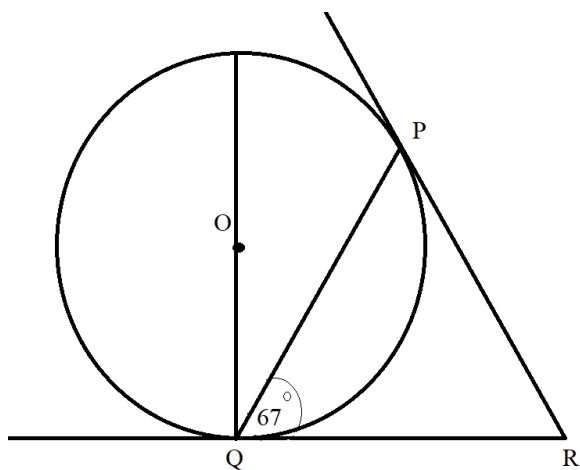


Find angles x , y and z .

Answer: _____
(5 marks)



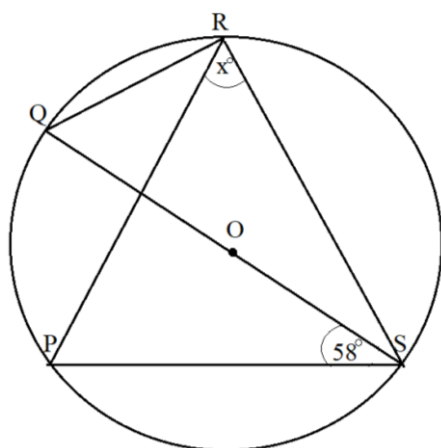
Q19.



Find angles PRQ and OQP

Answer: _____
(4 marks)

Q20.

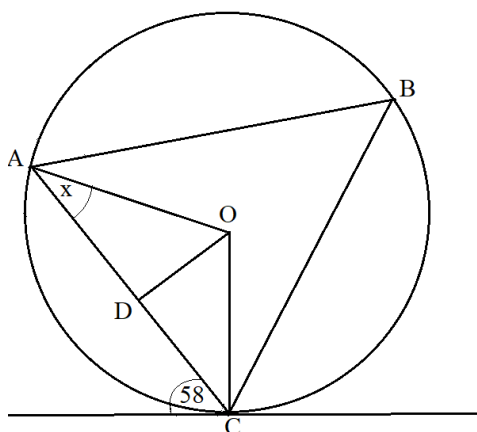


Find angle x .

Answer: _____
(3 marks)



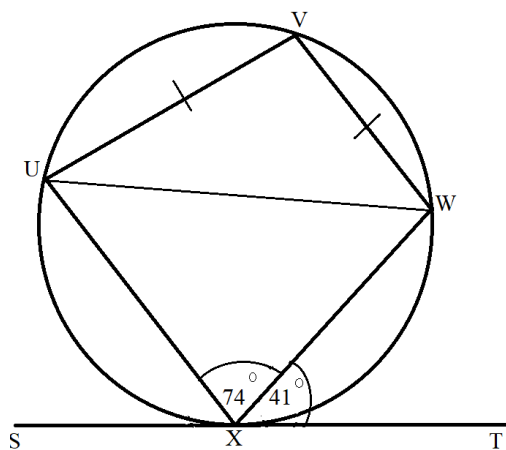
Q21.



Find angle x .

Answer: _____
(5 marks)

Q22.

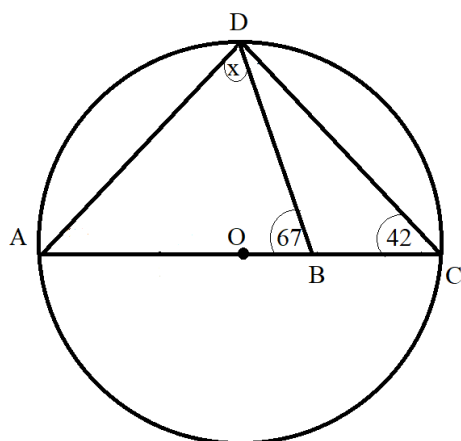


Find angles UWX , UVW and VUW

Answer: _____
(5 marks)



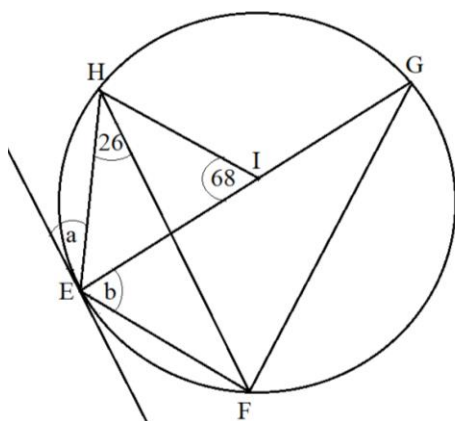
Q23.



Find angle x .

Answer: _____
(3 marks)

Q24.



Find angles a and b .

Answer: _____
(5 marks)