

U5L6 wkst answers

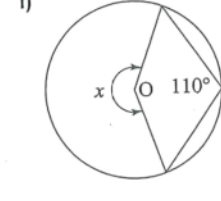
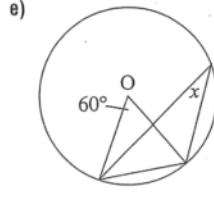
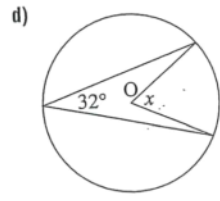
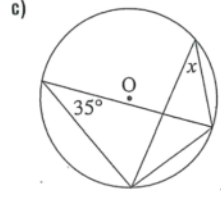
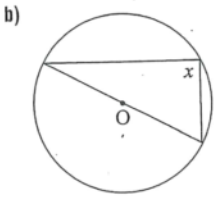
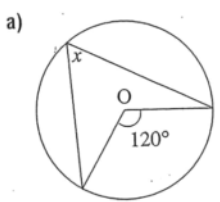
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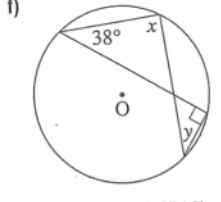
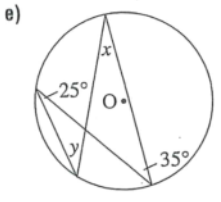
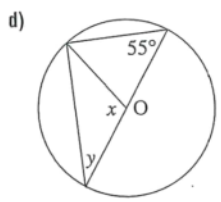
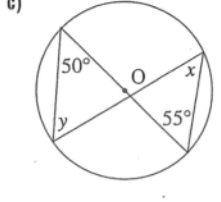
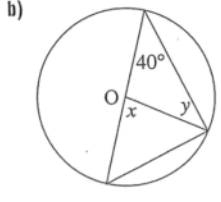
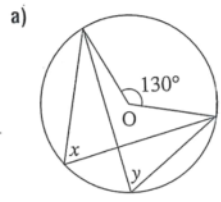
start up

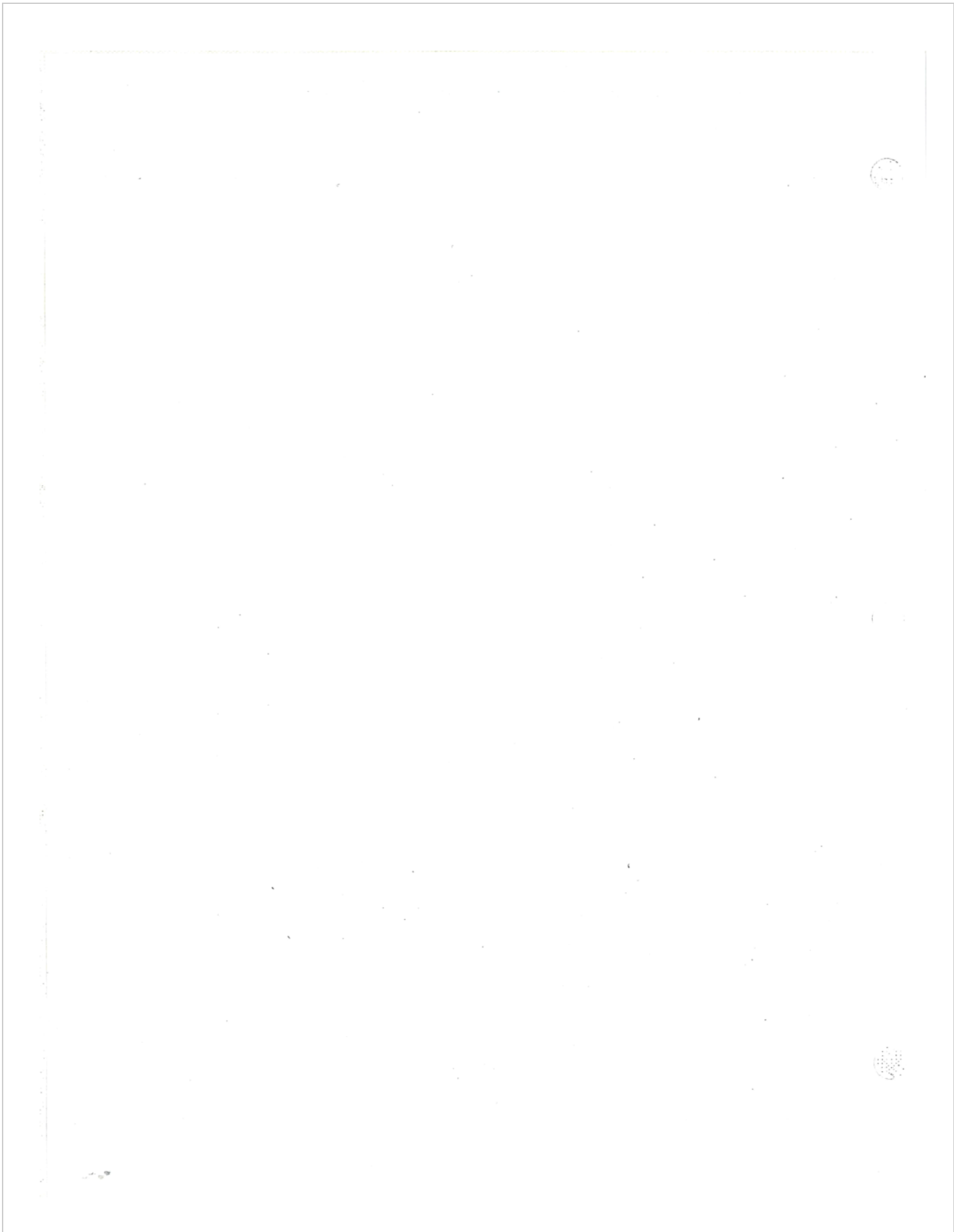
7.4 EXERCISES

1. Determine each value of x . Point O is the centre of each circle.



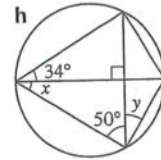
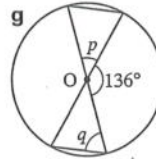
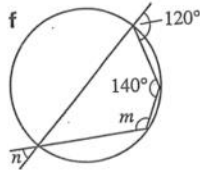
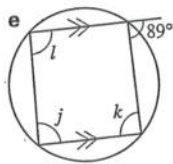
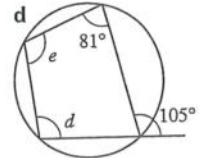
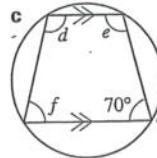
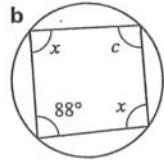
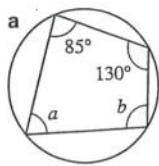
2. Determine each value of x and y . Point O is the centre of the circle.



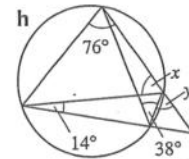
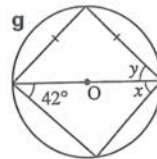
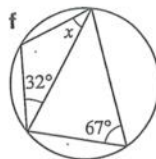
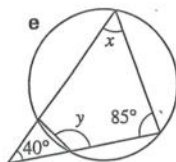
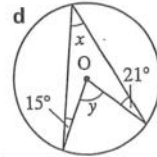
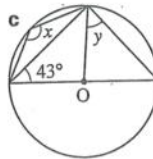
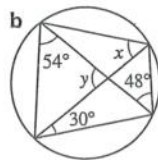
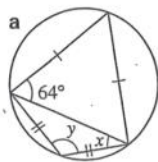


EXERCISE 5D

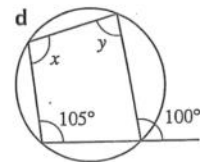
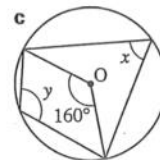
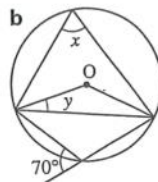
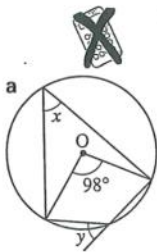
1 Find the size of the lettered angles in each of these circles.



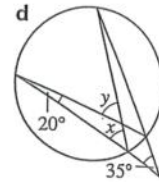
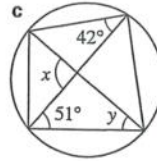
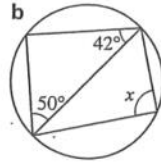
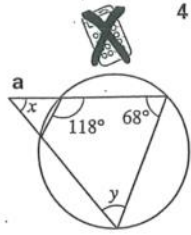
2 Find the values of x and y in each of these circles. O is the centre.



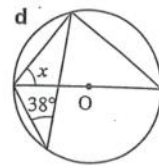
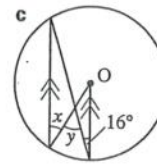
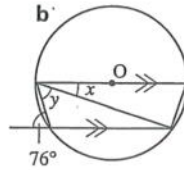
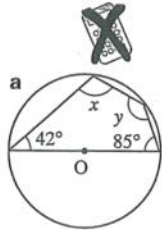
3 Find the values of x and y in each of these circles, centre O .



4 Find the values of x and y in each of these circles.



5 Find the values of x and y in each of these circles, centre O.



6 The cyclic quadrilateral PQRT has $\angle ROQ$ equal to 38° . POT is a diameter of a circle, centre O and parallel to QR. Calculate

- a $\angle ROT$ b $\angle QRT$



7 ABCD is a cyclic quadrilateral within a circle centre O. Angle AOC is x° .

- a Write down the value of the angle ABC.
 b Write down the value of the reflex angle AOC.
 c Prove that the sum of a pair of opposite angles of a cyclic quadrilateral is 180° .

