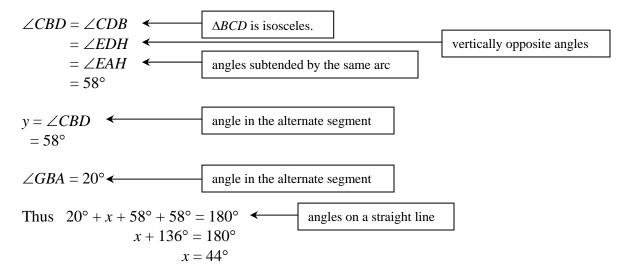


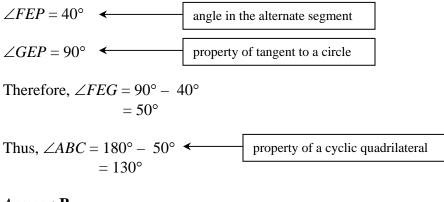
## Solution to Question 29



## Answer: A



## **Solution to Question 30**



Answer: **B** 



## Paper 1

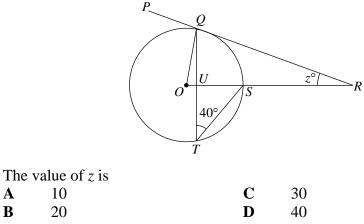
1.

Clone

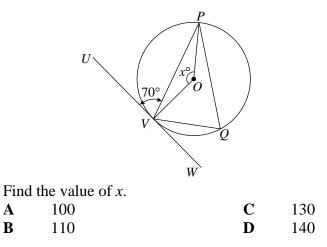
SPM

2006

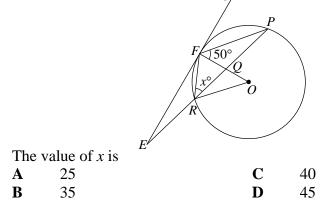
In the diagram, *PQR* is a tangent to the circle with centre *O* at *Q*. *QUT* and *OUSR* are straight lines.



2. In the diagram, *UVW* is a tangent to the circle with centre *O* at *V*.



3. The diagram shows a circle with centre O and EFG is a tangent to the circle at F. FQO and ERQP are straight lines.  $G_{\ell}$ 

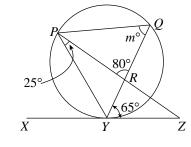




4. In the diagram, *XYZ* is a tangent to the circle at *Y*. The line *PZ* intersects the chord *YQ* at *R*.

70

80



Find the value of *m*.

Α	50	С
B	60	D