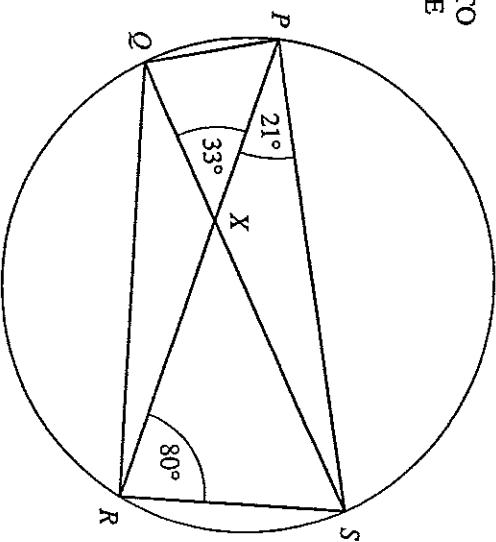


IGCSE – Circle Theorems – 1

Oct 02 Paper 2

7

14
NOT TO
SCALE



PQRS is a cyclic quadrilateral. The diagonals PR and QS intersect at X.
 Angle SPR = 21° , angle PRS = 80° and angle PXQ = 33° .
 Calculate

- (a) angle PQS,

Answer (a) Angle PQS = [1]

- (b) angle QPR,

Answer (b) Angle QPR = [1]

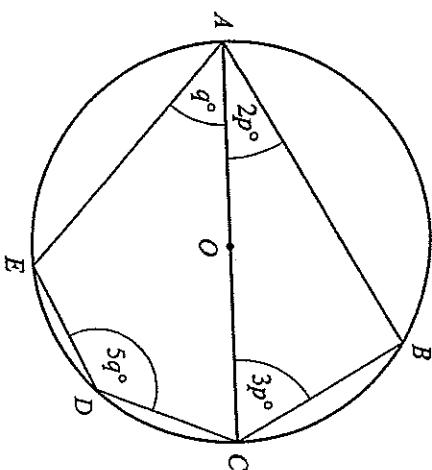
- (c) angle PSQ.

Answer (c) Angle PSQ = [1]

May 03 Paper 2

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NOT TO
SCALE



A, B, C, D and E lie on a circle, centre O. AC is a diameter.
 Find the value of

- (a) p,

Answer (a) p = [2]

- (b) q.

Answer (b) q = [2]