

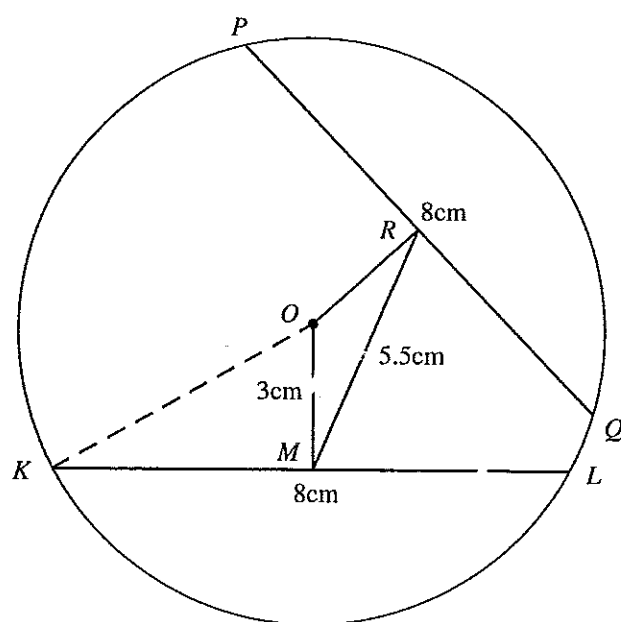
IGCSE – Trigonometry/Pythagoras - 2

Oct 02 Paper 2

11

22

NOT TO
SCALE



In the circle, centre O , the chords KL and PQ are each of length 8 cm.
 M is the mid-point of KL and R is the mid-point of PQ . $OM = 3$ cm.

(a) Calculate the length of OK .

Answer (a) $OK = \dots\dots\dots$ cm [2]

(b) RM has a length of 5.5 cm. Calculate angle ROM .

Answer (b) Angle $ROM = \dots\dots\dots$ [3]