

DO NOT WRITE IN THIS AREA

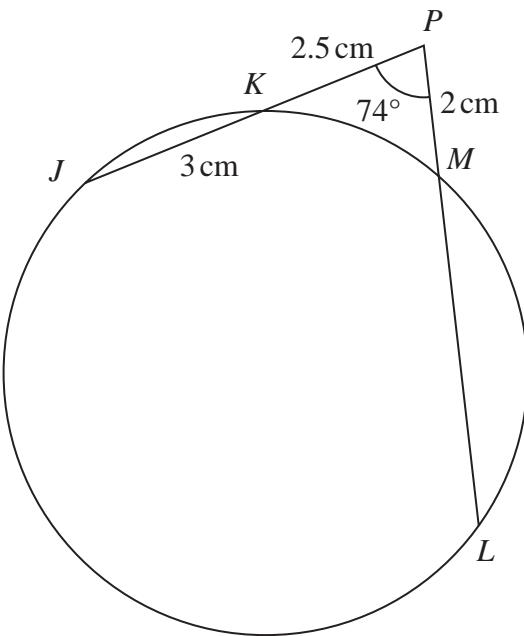
16

Diagram **NOT**
accurately drawn

The diagram shows a circle $JKML$.

JKP and LMP are straight lines.

$JK = 3\text{ cm}$, $KP = 2.5\text{ cm}$ and $PM = 2\text{ cm}$.

$\angle JPL = 74^\circ$

Calculate the area, in cm^2 to 2 decimal places, of triangle LKP .

..... cm^2

(Total for Question 16 is 4 marks)



P 6 2 0 1 8 A 0 1 3 2 4