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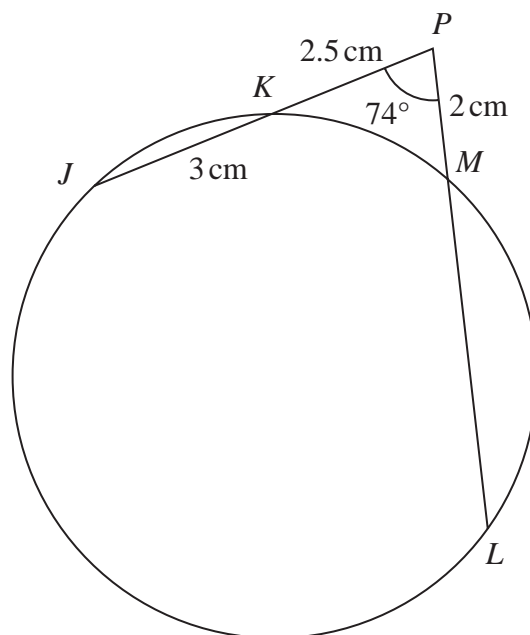


Diagram **NOT**  
accurately drawn

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  $\text{cm}^2$  to 2 decimal places, of triangle  $LKP$ .

.....  $\text{cm}^2$

(Total for Question 16 is 4 marks)

