2 Fig. 2 shows a sector of a circle of radius 8 cm.

The angle of the sector is 2.1 radians.
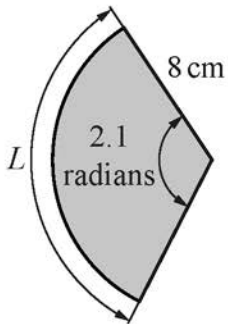

Fig. 2

(a) Calculate the length of the arc L. [1]

(b) Calculate the area of the sector. [2]