|  |  |  |
| --- | --- | --- |
| **Topic 3: Geometry and Trigonometry** | **Angles and Arcs of Circles** | |
|  | | |
| 1. The following diagram shows part of a circle with center and radius 6 cm.    Arc has a length of 7 cm and .     1. Find the value of , giving your answer in radians.    2. Find the area of sector . | | (2 marks)  (3 marks) |
| Mark scheme: | | (M1)  (A1)     (M1)(A1)   (A1) |