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| **Topic 3: Geometry and Trigonometry** | **Angles and Arcs of Circles** |
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| 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:1.
2.

  | (M1)(A1)(M1)(A1)(A1) |