Chords and Arcs

Q: What is radius of a circle if 4 cm long chord subtends central angle of 60° ? If 4 cm long chord subtends a central angle of 60° , then radius of circle is also 4 cm.

Q: What will be central angle if length of chord and radial segment of a circle are congruent? If the length of chord and radial segment of a circle are congruent, then central angle will be equal to 60°

Q: An arc subtends a central able of 40° then what will be the angle subtended by corresponding chord? If an arc subtends a central angle of 40° , then the angle subtended by the corresponding chord will also be 40°.

The semi circumference and the diameter of a circle both subtend a central angle of 180 gle of 186 M. Tayyab Intips: Ilhirasscience academy.

Prepared By: M. Tayyab, SSE(Math) Govt Christian High School, Daska. Website: https://hira-science-academy.github.io

Mobile: 03338114798

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