|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **➀** |  | | | **In ΔLOV, what is the measure of**  **arc LVO?** | | **➁** |  | | | **What are the procedures for finding the measure of ∠HGS?** | | |
|  | | | | | |  | | | | | | |
| MM2G3b, MM2G3d | | | | | | MM2G3b, MM2G3d | | | | | | |
| **➂** |  | | | **What are the procedures for finding the measure of arc KRV?** | | **➃** |  | | | | | **What are the procedures for finding the measure of ∠T?** |
|  | | | | | |  | | | | | | |
| MM2G3b, MM2G3d | | | | | | MM2G3b, MM2G3d | | | | | | |
| **➄** |  | | **What are the procedures for finding the measure of ∠JHD?** | | | **➅** |  | | | | **In this circle, arc NG is five times arc ST and arc SG ≅ arc TN. What are the procedures for finding the measure of arc ST?** | |
|  | | | | | |  | | | | | | |
| MM2G3b, MM2G3d | | | | | | MM2G3b, MM2G3d | | | | | | |
| **➆** | **What are the procedures for finding the measure of ∠S?** | | | | | **➇** | **What are the procedures for finding the measure of ∠G?** | | | | | |
|  | | | | | |  | | | | | | |
| MM2G3b, MM2G3d | | | | | | MM2G3b, MM2G3d | | | | | | |
| **➈** | **What are the procedures for finding *x*?** | | | | | **➉** | **What are the procedures for finding *z*?** | | | | | |
|  | | | | | |  | | | | | | |
| MM2G3b, MM2G3d | | | | | | MM2G3b, MM2G3d | | | | | | |
|  | | **What are the procedures for finding the measure of ∠ECD?** | | |  | | | | **What are the procedures for finding an expression for RV?** | | | |
|  | | | | |  | | | | | | | |
| MM2G3a, MM2G3d | | | | | MM2G3a, MM2G3d | | | | | | | |
|  | | **In this circle, what are the procedures for finding the measure of NY?** | | |  | | | **What are the procedures for finding an expression for BC?** | | | | |
|  | | | | |  | | | | | | | |
| MM2G3a, MM2G3d | | | | | MM2G3a, MM2G3d | | | | | | | |
|  | | **In 🞊B, *r* =cm. What is an expression for the measure of VM?** | | |  | | | | **In 🞊L, *r*=8 cm. What is the expression for the measure of JC?** | | | |
|  | | | | |  | | | | | | | |
| MM2G3a, MM2G3d | | | | | MM2G3a, MM2G3d | | | | | | | |

**Find the given values for each circle. Leave your answers in terms of .**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Circumference**  **C = 2r** | | | **Area**  **A = r2** |
| 12 cm |  | | |  |
|  | | **Arc Length** | **Area of Sector** | | |
| 9 cm  150o | |  |  | | |
| 85o  10cm | |  |  | | |