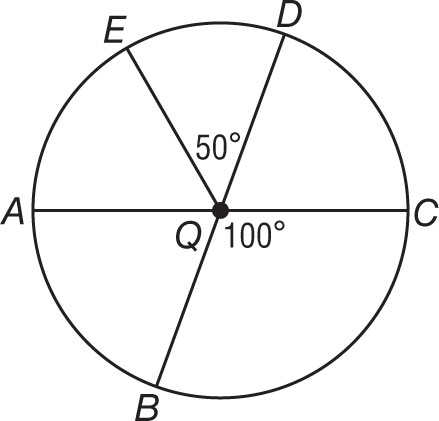
**Practice**

***Measuring Angles and Arcs***

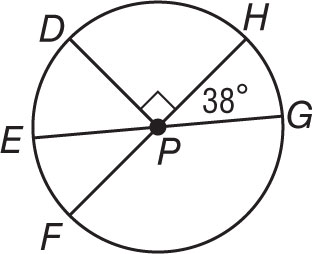
**** and are diameters of ⨀*Q*. Identify each arc as a *major arc*, *minor arc*,   
or *semicircle* of the circle. Then find its measure.**

**1.** *m* **2.** *m*

**3.** *m* **4.** *m*

**5.** *m* **6.** *m*

**and are diameters of ⨀*P*. Find each measure.**

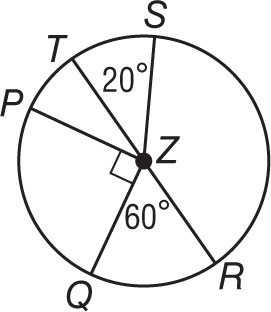
****

**7.** *m* **8.** *m*

**9.** *m* **10.** *m*

**11.** *m* **12.** *m*

**Use ⨀*Z* to find each arc length. Round to the nearest hundredth.**

****

**13.** , if *QZ* = 10 inches **14.** , if *PZ* = 12 feet

**15.** , if *TR* = 15 meters **16.** , if *ZQ* = 7 centimeters

|  |  |
| --- | --- |
| **Homework** | |
| **Less than 1 hour** | 8% |
| 1–2 hours | 29% |
| 2–3 hours | 58% |
| 3–4 hours | 3% |
| Over 4 hours | 2% |

**17. HOMEWORK** Refer to the table, which shows the number of hours students at Leland High School say they spend on homework each night.

**a.** If you were to construct a circle graph of the data, how many degrees would be allotted to each category?

**b.** Describe the arcs associated with each category.