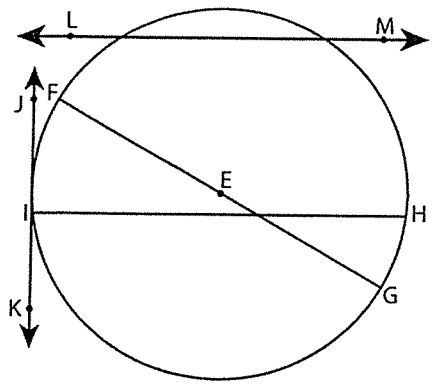


Parts of Circle

Moderate: S1

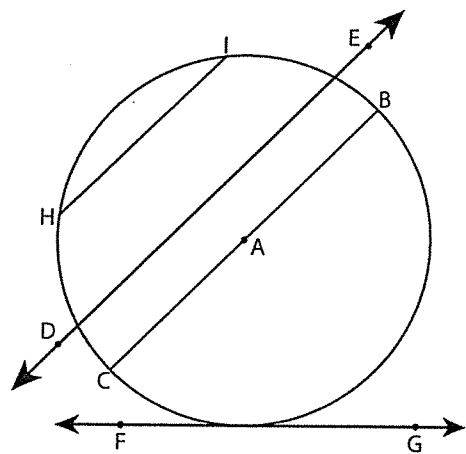
Identify the parts of each circle.

1)



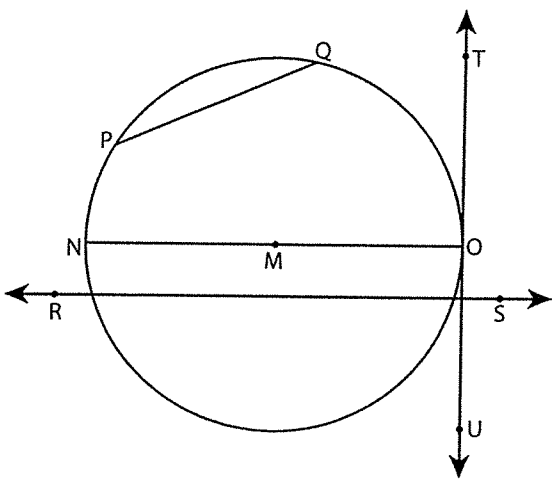
Circle = $\odot E$ Chord = \overline{IH}
 Radius = $\overline{EG}, \overline{EF}$ Tangent = \overleftrightarrow{JK}
 Diameter = \overline{FG} Secant = \overleftrightarrow{IH}

2)



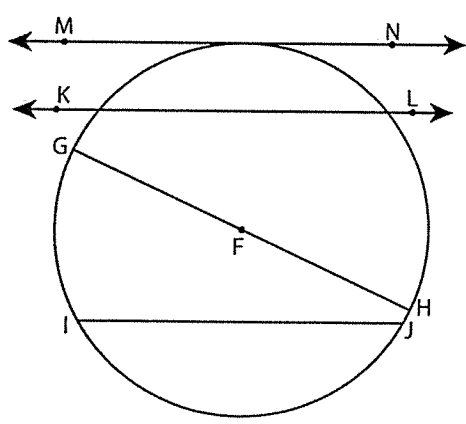
Circle = $\odot A$ Chord = \overline{IH}
 Radius = $\overline{AB}, \overline{AC}$ Tangent = \overleftrightarrow{FG}
 Diameter = \overline{CB} Secant = \overleftrightarrow{DE}

3)



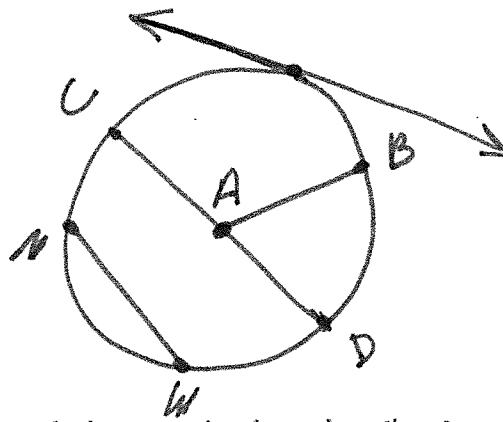
Circle = $\odot M$ Chord = \overline{PQ}
 Radius = $\overline{MN}, \overline{MO}$ Tangent = \overleftrightarrow{TU}
 Diameter = \overline{NO} Secant = \overleftrightarrow{RS}

4)



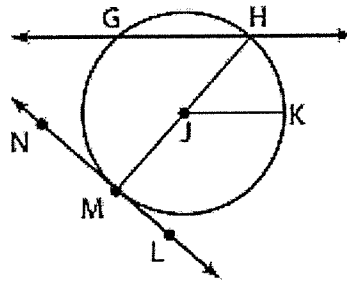
Circle = $\odot F$ Chord = \overline{IJ}
 Radius = $\overline{FG}, \overline{FH}$ Tangent = \overleftrightarrow{MN}
 Diameter = \overline{GH} Secant = \overleftrightarrow{KL}

1. Sketch a circle. Then sketch and label a radius, a diameter, a chord, and a tangent.



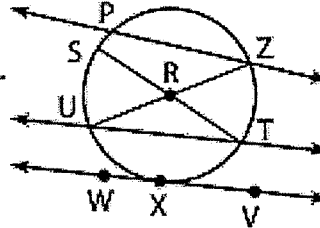
Match the part of the circle with the term that best describes it.

- 2. GH → A. Center
- 3. M → B. Chord
- 4. MJ → C. Diameter
- 5. J → D. Radius
- 6. MH → E. Point of tangency
- 7. \overleftrightarrow{GH} → F. Secant

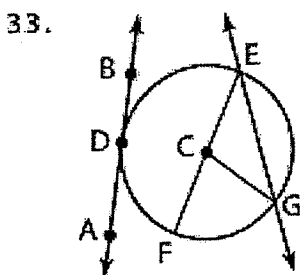


Identifying Terms Tell whether the line or segment is best described as a chord, a secant, a tangent, a diameter, or a radius.

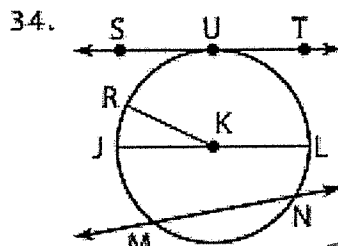
- 27. PZ Chord
- 28. SR Radius
- 29. ST Diameter
- 30. PZ Secant
- 31. \overleftrightarrow{VW} Tangent
- 32. TU Chord



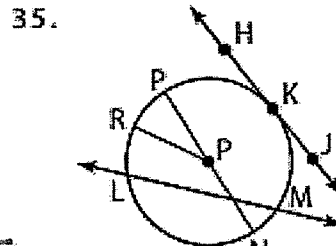
Identifying Terms Identify a chord, a secant, a diameter, a radius, and a point of tangency.



- ✓ Radius - $\overline{CF}, \overline{CE}$
- ✓ Secant - \overleftrightarrow{CG}
- ✓ Chord - \overline{EG}
- ✓ Tangent - \overleftrightarrow{AB}



- ✓ Radius - $\overline{KR}, \overline{KJ}, \overline{KL}$
- ✓ Secant - \overleftrightarrow{MN}
- ✓ Chord - \overline{MN}
- ✓ Tangent - \overleftrightarrow{ST}



- ✓ Radius - $\overline{PP}, \overline{PR}, \overline{RN}$
- ✓ Secant - \overleftrightarrow{LM}
- ✓ Chord - \overline{LM}
- ✓ Tangent - \overleftrightarrow{HJ}