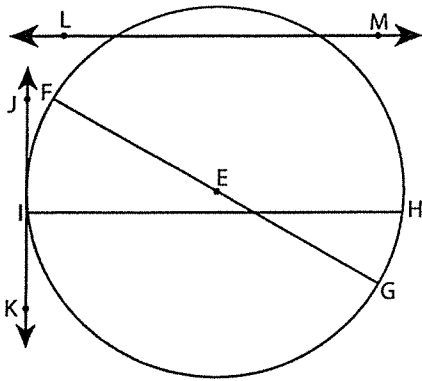


Parts of Circle

Moderate: S1

Identify the parts of each circle.

1)

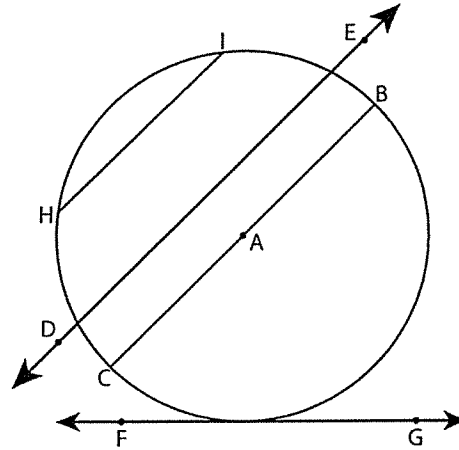


Circle = FHGI Chord = FG

Radius = EG or EF Tangent = JK

Diameter = FG Secant = LM

2)

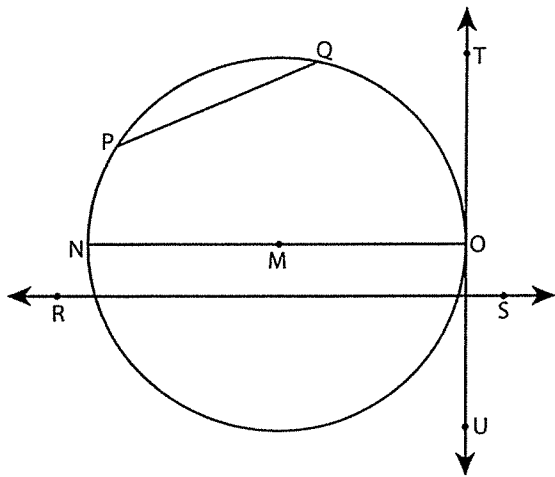


Circle = CDHI Chord = HI

Radius = AB or AC Tangent = FG

Diameter = BC Secant = DE

3)

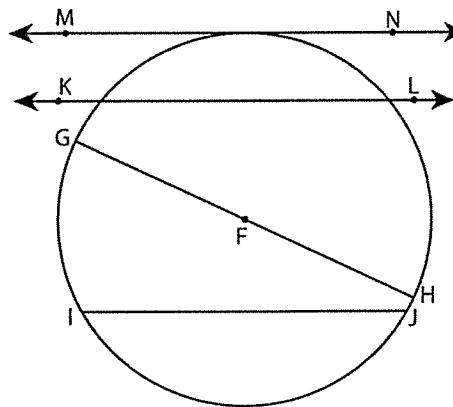


Circle = NPQO Chord = PQ or NO

Radius = NM or MO Tangent = TU

Diameter = NO Secant = RS

4)

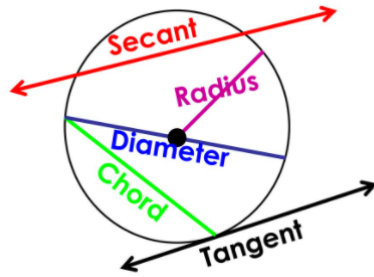


Circle = GHJI Chord = IJ

Radius = FH or FG Tangent = MN

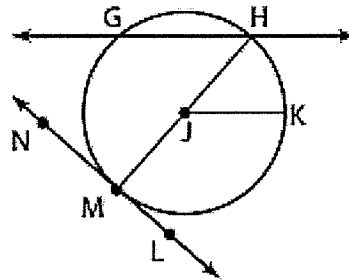
Diameter = GH Secant = KL

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



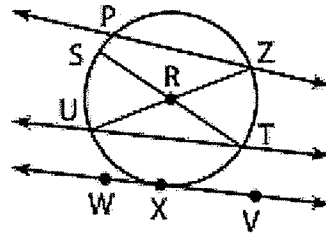
Match the part of the circle with the term that best describes it.

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

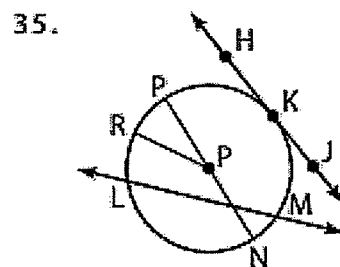
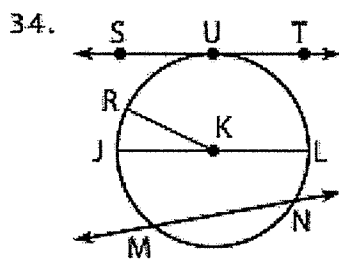
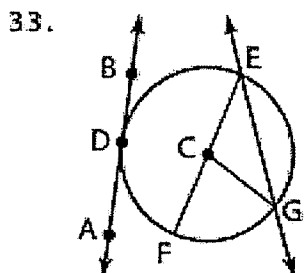


Identifying Terms Tell whether the line or segment is best described as a chord, a secant, a tangent, a diameter, or a radius.

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



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



Chord: EF
 Secant: EG
 Diameter: EF
 Radius: CG or CE or CF
 Point of Tangency: D

Chord: JL
 Secant: MN
 Diameter: JL
 Radius: KL or KJ or KR
 Point of Tangency: U