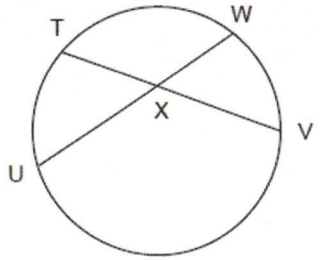
CIRCLE SPECIAL SEGMENTS

Intersection Inside the Circle

If two chords intersect inside a circle, the _____ of the measures of the segments of the chords are equal.

TX · XV = UX · XW

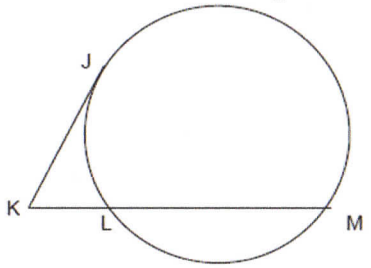


TX = 5
XV = 8
UX = 10
XW = _____

Intersection On the Circle

If a tangent segment and a secant segment are drawn to a circle from an exterior point, then the _____ of the measure of the tangent segment is equal to the _____ of the measures of the secant segment and its external secant segment.

$JK^2 = KM \cdot KL$



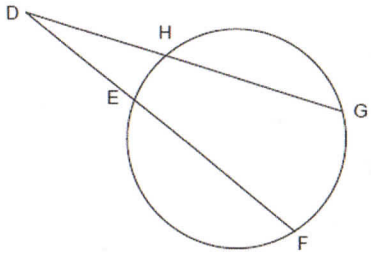
KL = 3
LM = 9
KM = _____

JK = _____

Intersection Outside the Circle

If two secant segments are drawn to a circle from an exterior point outside the circle, the _____ of the measures of one secant segment and its external secant segment is equal to the _____ of the measures of the other secant segment and its external secant segment.

DF · DE = DG · DH



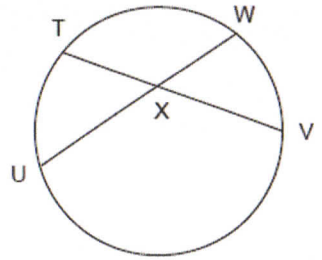
DH = 8
DE = 6
DG = 18
DF = _____

CIRCLE SPECIAL SEGMENTS

Intersection Inside the Circle

If two chords intersect inside a circle, the _____ of the measures of the segments of the chords are equal.

TX · XV = UX · XW

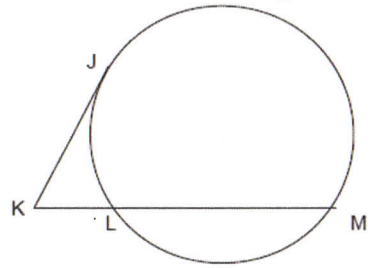


TX = 5
XV = 8
UX = 10
XW = _____

Intersection On the Circle

If a tangent segment and a secant segment are drawn to a circle from an exterior point, then the _____ of the measure of the tangent segment is equal to the _____ of the measures of the secant segment and its external secant segment.

$JK^2 = KM \cdot KL$



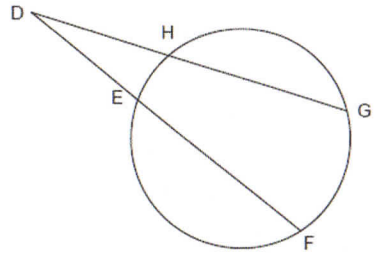
KL = 3
LM = 9
KM = _____

JK = _____

Intersection Outside the Circle

If two secant segments are drawn to a circle from an exterior point outside the circle, the _____ of the measures of one secant segment and its external secant segment is equal to the _____ of the measures of the other secant segment and its external secant segment.

DF · DE = DG · DH



DH = 8
DE = 6
DG = 18
DF = _____