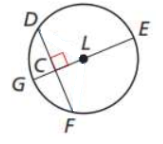
Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

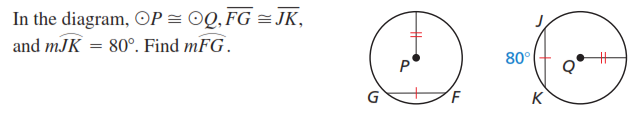
Geometry

Circles and Chords

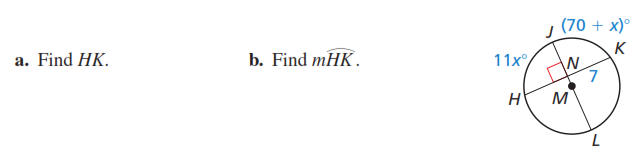
Perpendicular Chord Bisector Theorem



Example 1:

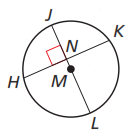


Example 2:



Example 3:

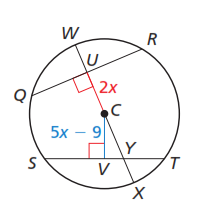
In circle M, ; and . Find the length of .



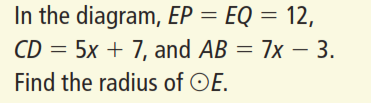
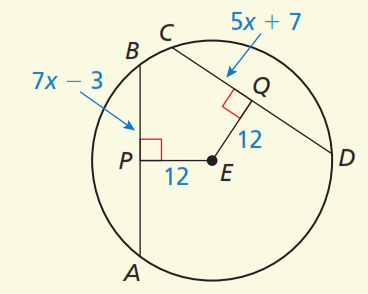
Equidistant Chords Theorem

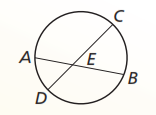
Example 4:





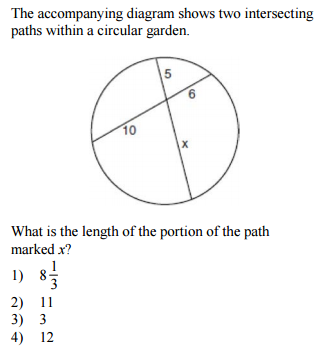
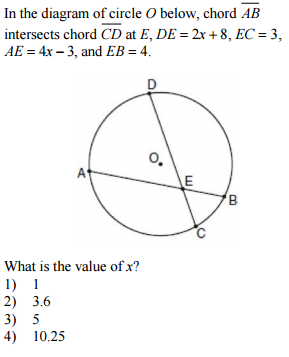
Example 5:



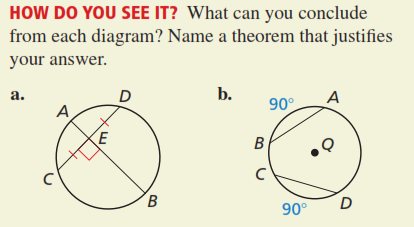
Segments of Chords Theorem

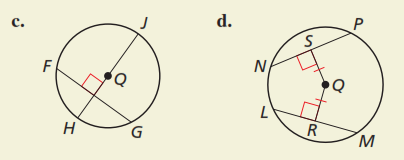
Theorem: Given circle with intersecting chords AB and CD, then

Example 6: Example 7:



Example 8:





Example 9:

