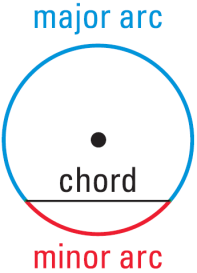
Geometry

\_\_\_\_\_\_\_\_\_

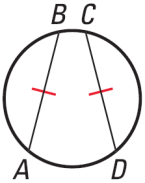
Major arc

10.3 Apply Properties of Chords

minor

major

Chords divide a circle into a \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_ arcs.

In the \_\_\_\_\_\_\_\_ circle, or \_\_\_\_\_\_\_ circles, two \_\_\_\_\_\_\_\_\_ arcs are \_\_\_\_\_\_ iff their \_\_\_\_\_\_\_\_\_ are . 

\_\_\_\_\_\_\_\_\_

Minor arc

chords

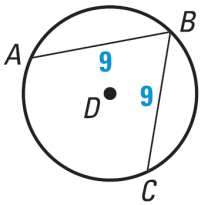
≅

minor

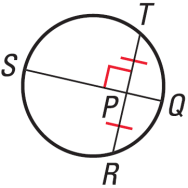
≅

same

If , find .



110°



diameter

1st

chord

⊥ bisector

If one chord is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of another \_\_\_\_\_\_\_, then the \_\_\_\_\_\_\_ chord is a \_\_\_\_\_\_\_\_\_\_\_\_.

arc

chord

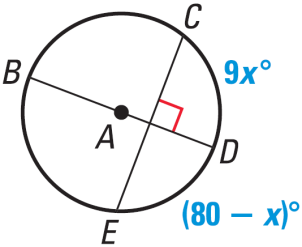
bisects

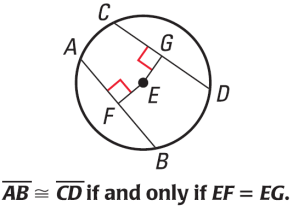
chord

⊥

If a diameter is \_\_\_\_\_\_\_\_\_\_\_ to a \_\_\_\_\_\_\_\_, then it \_\_\_\_\_\_\_\_\_ the \_\_\_\_\_\_\_\_ and its \_\_\_\_\_.

Find the measure of the indicated arc.





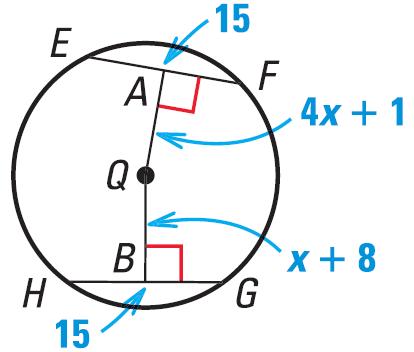
center

equidistant

chords

circle

In the same \_\_\_\_\_\_\_\_\_\_\_, or circles, 2 \_\_\_\_\_\_\_\_\_\_ are iff they are \_\_\_\_\_\_\_\_\_\_\_\_\_\_ from the \_\_\_\_\_\_\_.

Find the value of x.

Assignment: 667 #4-20 even, 24, 30, 35-37 all = 14

Extra Credit: 670 #2, 4 = +2