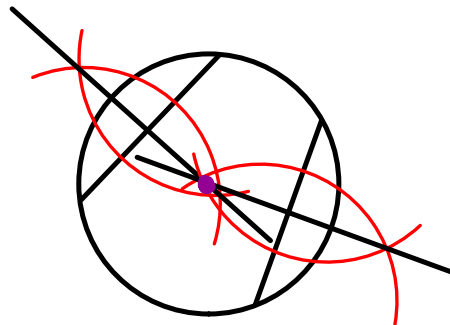


Lesson # 29
Finding the Center of the Circle

STEPS

1. Draw 2 chords.
2. Draw the perpendicular bisector of each chord.
3. The center of the circle is the intersection of the 2 bisectors.

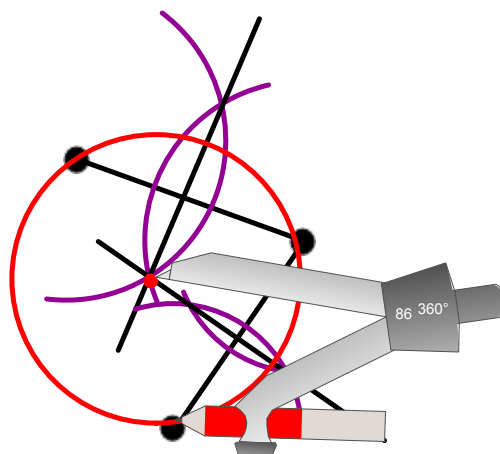
Example 1



Example 2

*Three nonaligned points determine one and only one circle.

Why????



Lesson 29 Assignment

1. (a) Draw a circle with radius 2.5cm.
 (b) Find it's center (must show: 2 chords & 2 perpendicular bisectors to show center).

leave half a page of space

2. Draw a circle with Diameter 3.5cm and find it's center (show chords and perpendicular bisector).

leave half a page of space

3. (a) Plot the below three points and find the center.
 (b) Draw the circle connecting all three points.

