## Identify each of the following for circle P.

1. Name 3 chords.

FF, AB, BD Name 1 diameter.

2.



Name 5 radii. 3.

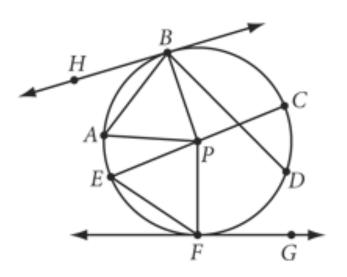


4.



Name 2 points of tangencies. 6.





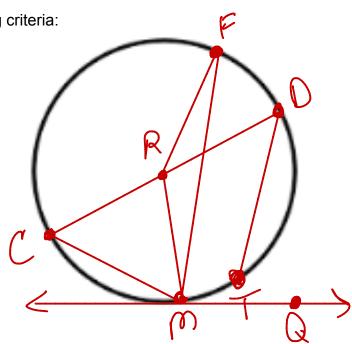
Name 2 tangents. 5.



Name 2 central angles. 7.

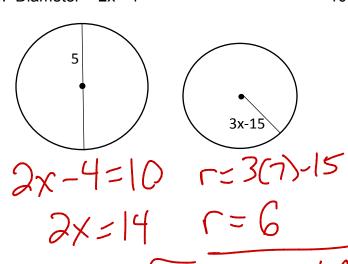
< APB LEPF

- 8. Draw and label a circle with the following criteria:
  - Center is point R
  - Diameter is CD
  - Two radii  $\overline{RF}$  and  $\overline{RM}$
  - Chords  $\overline{FM}$  and  $\overline{CM}$
  - Inscribed angle ∠CDT
  - Tangent line  $\overrightarrow{MQ}$

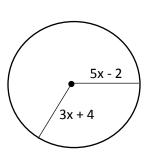


## Determine if each of the following sets of circles are congruent. The circles may not be drawn to scale.

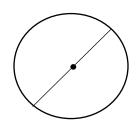
9. Diameter = 2x - 4



10.

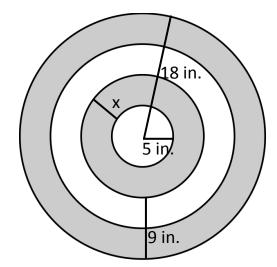


Diameter = 4x + 1



X=7 Circles not?

11. A dartboard is composed of concentric circles. Use the information provided to find the length of the inner grey ring of the dartboard.



X=18-5-9

12. Give 3 more examples of things in the real world which are composed of concentric circles.

Ripples in a pand, a CD, Ringsinatree