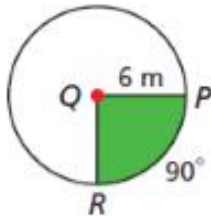Textbook p813 #2-5, 9-11 in your notes
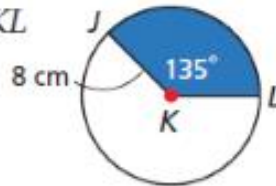
Due Monday 3/23/2020

Find the area of each sector. Give your answer in terms of π and rounded to the nearest hundredth.
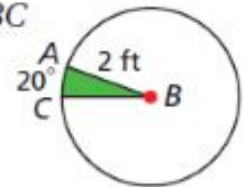
2. sector PQR
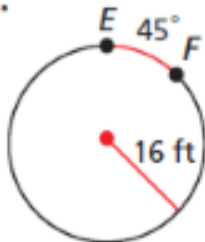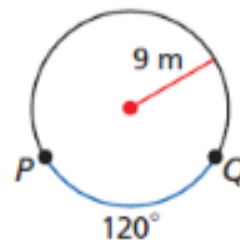
3. sector JKL

4. sector ABC

5. Navigation The beam from a lighthouse is visible for a distance of 3 mi. To the nearest square mile, what is the area covered by the beam as it sweeps in an arc of 150°?

Find each arc length. Give your answer in terms of π and rounded to the nearest hundredth.

9. $\overset{\frown}{EF}$

10. $\overset{\frown}{PQ}$

11. an arc with measure 20° in a circle with radius 6 in.