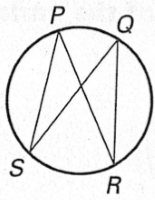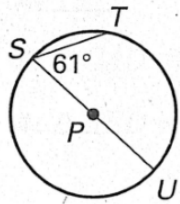1. In the figure shown, which statement is true?
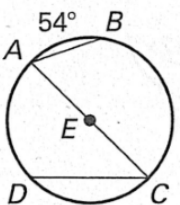
A. $\angle SPR \cong \angle PSQ$ B. $\angle RQS \cong \angle RPS$

C. $\angle RPS \cong \angle PRQ$ D. $\angle PRQ \cong \angle SQR$

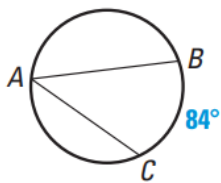Find the measure of the indicated angle or arc in $\odot P$
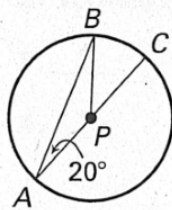
2. $m\overset{\frown}{ST}$ 3. $m\overset{\frown}{AB}$ 4. $m\angle JLM$

5. $m\angle A$ 6. $m\angle K$ 7. $m\overset{\frown}{VST}$
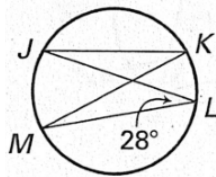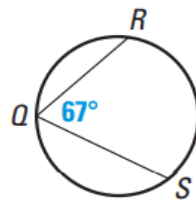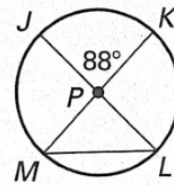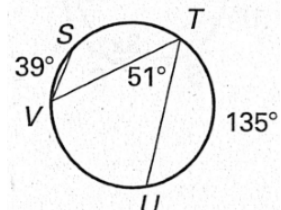
8. $m\angle A$ 9. $m\overset{\frown}{RS}$ 10. $m\overset{\frown}{WX}$
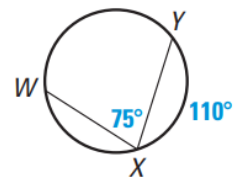
Find the measure of the indicated angle or arc in $\odot P$, given $m\overset{\frown}{LM} = 84°$ and $m\overset{\frown}{KN} = 116°$

11. $m\angle JKL$ 12. $m\angle MKL$

13. $m\angle KMN$ 14. $m\angle JKM$

15. $m\angle KLN$ 16. $m\angle LNM$
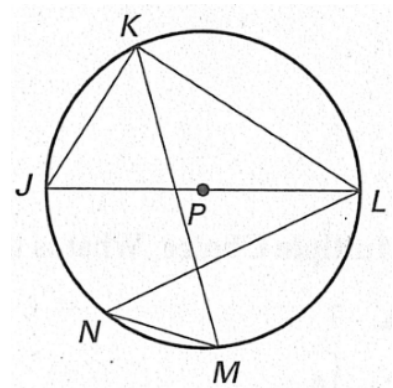
17. $m\overset{\frown}{MJ}$ 18. $m\overset{\frown}{LKJ}$
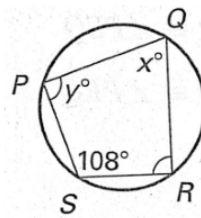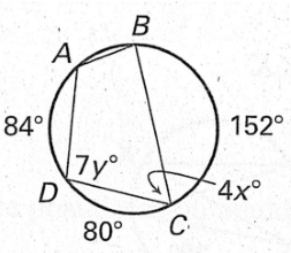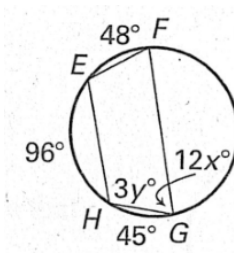
Find the values of the variables.

19.
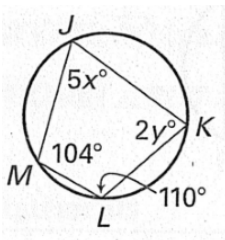
20.
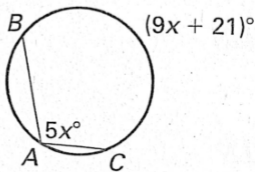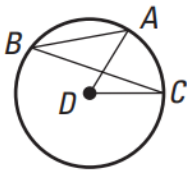

21.

22.

23. What is the value of x in the figure shown?
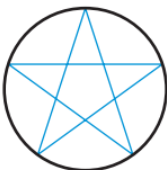

24. In the, $\angle ADC$ is a central angle and $m\angle ADC = 60°$. What is $m\angle ABC$?

In each star below, all of the inscribed angles are congruent. Find the measure of an inscribed angle for each star. Then find the sum of all of the inscribed angles for each star.

25.

26.