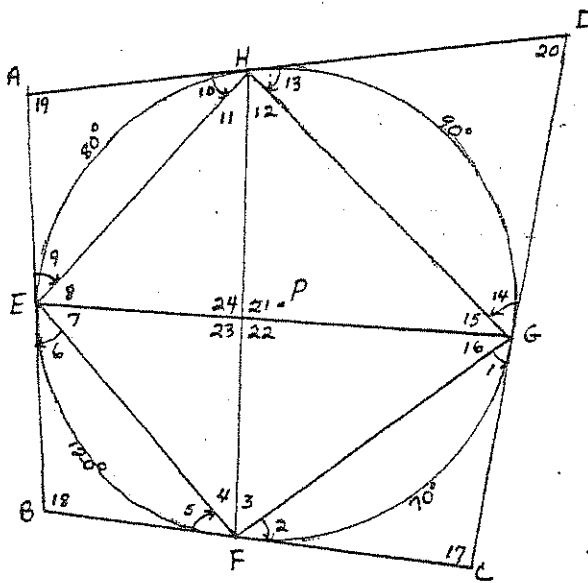


Given: \overleftrightarrow{AB} , \overleftrightarrow{BC} , \overleftrightarrow{CD} and \overleftrightarrow{DA} are tangents to circle P.

- | | |
|----------------------|----------------------|
| $m\angle 1 =$ _____ | $m\angle 13 =$ _____ |
| $m\angle 2 =$ _____ | $m\angle 14 =$ _____ |
| $m\angle 3 =$ _____ | $m\angle 15 =$ _____ |
| $m\angle 4 =$ _____ | $m\angle 16 =$ _____ |
| $m\angle 5 =$ _____ | $m\angle 17 =$ _____ |
| $m\angle 6 =$ _____ | $m\angle 18 =$ _____ |
| $m\angle 7 =$ _____ | $m\angle 19 =$ _____ |
| $m\angle 8 =$ _____ | $m\angle 20 =$ _____ |
| $m\angle 9 =$ _____ | $m\angle 21 =$ _____ |
| $m\angle 10 =$ _____ | $m\angle 22 =$ _____ |
| $m\angle 11 =$ _____ | $m\angle 23 =$ _____ |
| $m\angle 12 =$ _____ | $m\angle 24 =$ _____ |

P is the center!



Given: \overleftrightarrow{AB} , \overleftrightarrow{BC} , \overleftrightarrow{CD} and \overleftrightarrow{DA} are tangents to circle P.

- | | |
|--------------------------|---------------------------|
| $m\angle 1 =$ <u>35</u> | $m\angle 13 =$ <u>45</u> |
| $m\angle 2 =$ <u>35</u> | $m\angle 14 =$ <u>45</u> |
| $m\angle 3 =$ <u>45</u> | $m\angle 15 =$ <u>40</u> |
| $m\angle 4 =$ <u>40</u> | $m\angle 16 =$ <u>60</u> |
| $m\angle 5 =$ <u>60</u> | $m\angle 17 =$ <u>110</u> |
| $m\angle 6 =$ <u>60</u> | $m\angle 18 =$ <u>60</u> |
| $m\angle 7 =$ <u>35</u> | $m\angle 19 =$ <u>100</u> |
| $m\angle 8 =$ <u>45</u> | $m\angle 20 =$ <u>90</u> |
| $m\angle 9 =$ <u>40</u> | $m\angle 21 =$ <u>105</u> |
| $m\angle 10 =$ <u>40</u> | $m\angle 22 =$ <u>75</u> |
| $m\angle 11 =$ <u>60</u> | $m\angle 23 =$ <u>105</u> |
| $m\angle 12 =$ <u>35</u> | $m\angle 24 =$ <u>75</u> |

* Note that angles 21-24 are NOT central angles