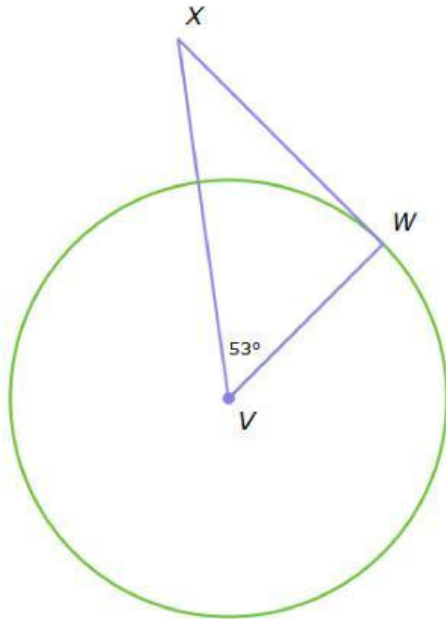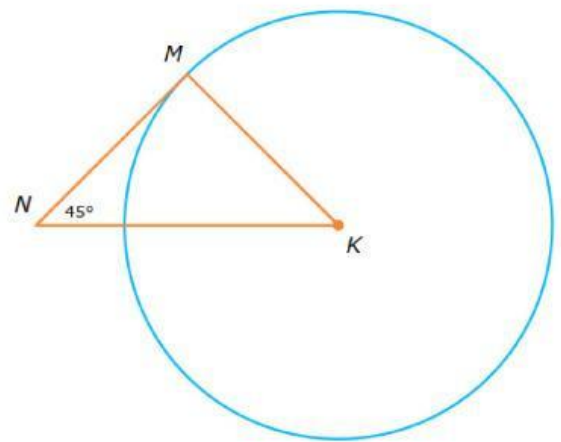# Tangents to a Circle

HINT: All angles of a Triangle equals a total of 180 degrees and a RIGHT ANGLE IS 90 degrees

1.

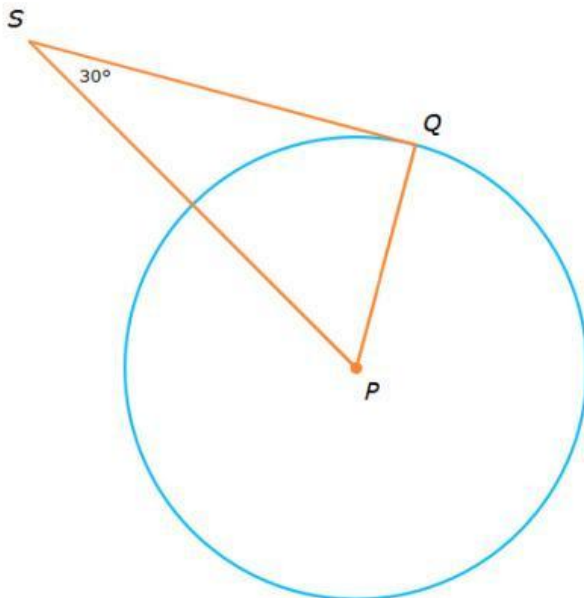$\overrightarrow{WX}$ is tangent to $\odot V$. What is $m\angle X$?

X

W

53°

V

$m\angle X = \boxed{}°$

2.

$\overleftrightarrow{MN}$ is tangent to $\odot K$. What is $m\angle K$?
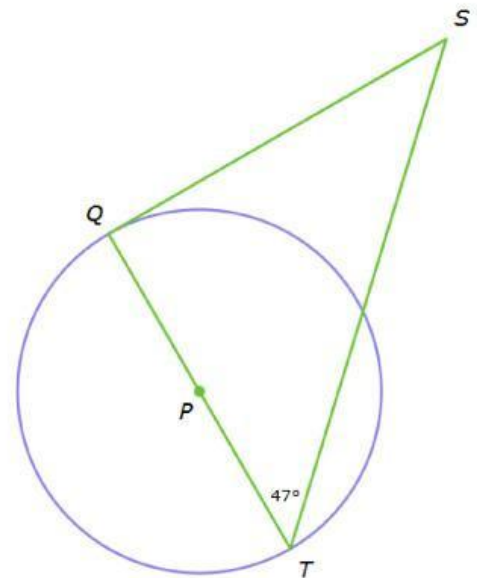
M

N 45°

K

$m\angle K = \boxed{}°$

3

$\overleftrightarrow{QS}$ is tangent to $\odot P$. What is $m\angle P$?

S

30°

Q

P

$m\angle P = \boxed{}°$

4

$\overleftrightarrow{QS}$ is tangent to $\odot P$. What is $m\angle S$?

S

Q

P

47°

T

$m\angle S = \boxed{}°$

LIVEWORKSHEETS