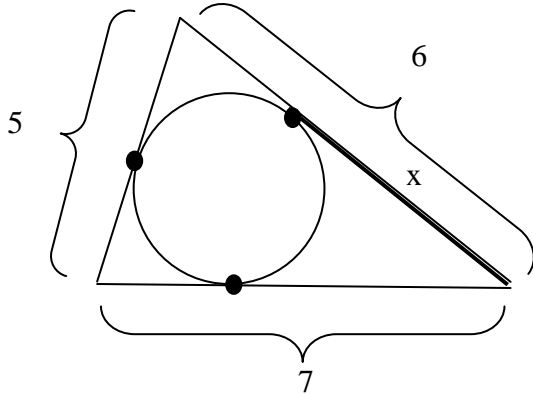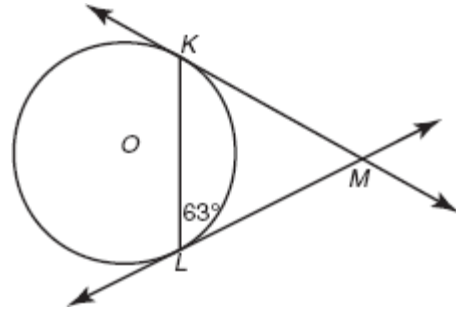Name _____

MUST SHOW ALL WORK FOR FULL CREDIT
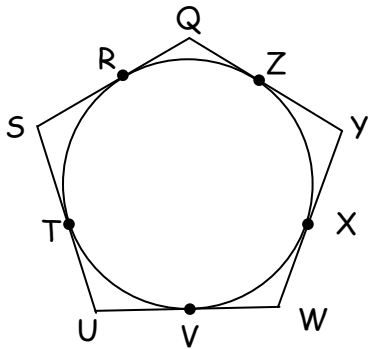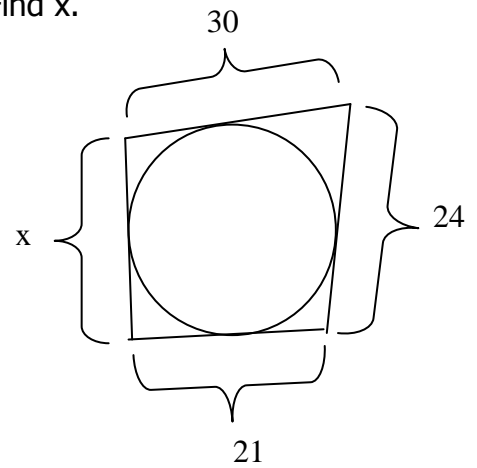
1. x = _____

2. If $\overline{KM}$ and $\overline{LM}$ are tangent segments, what is the measure of $\angle KML$?

3. The circle is circumscribed by the pentagon as shown. If QR = 9, QY = 14, UW = 10, QS = 16, UV = VW. Find the perimeter of the pentagon.

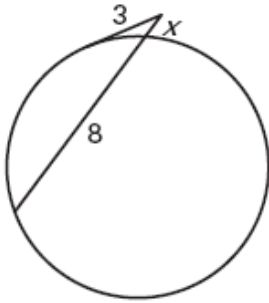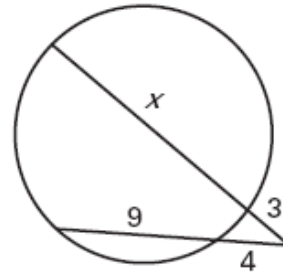4. Find x.

Find x in each picture.

1.

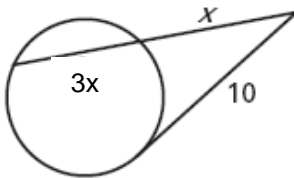
3
x
8

2.

x
9
3
4

3.

x
3x
10

4.

x
x − 2
x − 1