Activity: Angles Formed by Secants and Tangents
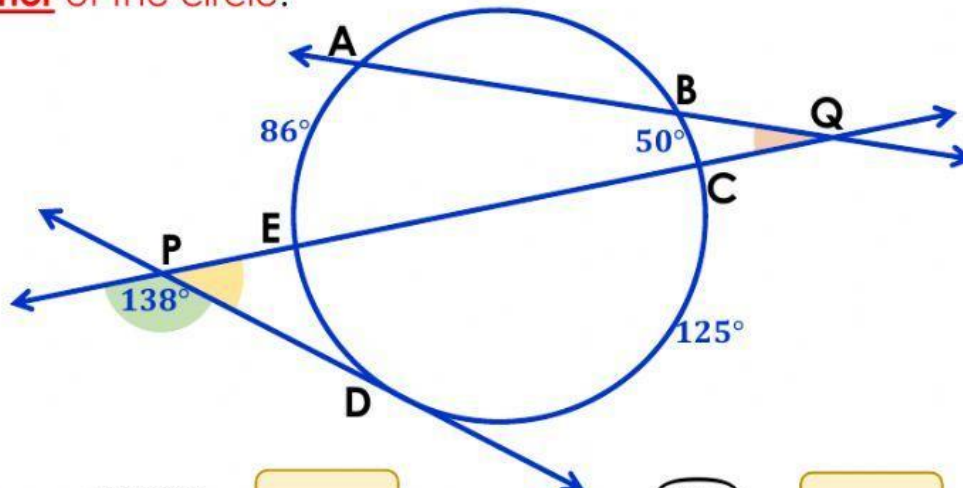
I. Determine the measure of the indicated arc/angle using the **theorems on secants and tangents** whose intersection is in the **exterior** of the circle.

1. $m\angle BQC =$ ▢
2. $m\angle EPD =$ ▢
3. $m\,\overarc{ED} =$ ▢
4. $m\,\overarc{CDE} =$ ▢
5. $m\,\overarc{CBE} =$ ▢
6. $m\,\overarc{AB} =$ ▢

II. Determine the measure of the indicated arc/angle using the **theorems on secants and tangents** whose intersection is in the **interior** of the circle.
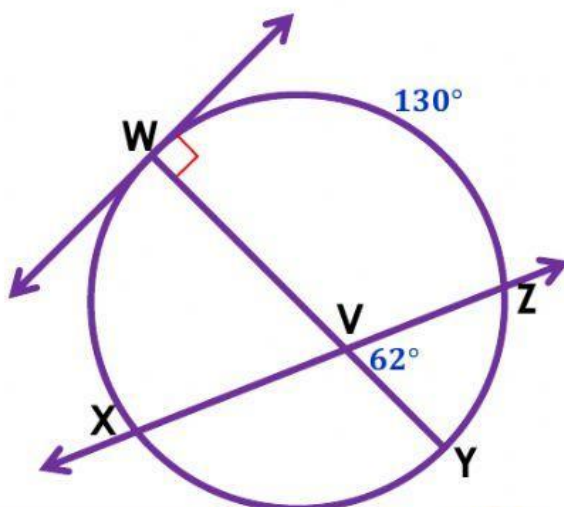

1. $m\angle WVZ =$ ▢
2. $m\angle WVX =$ ▢
3. $m\,\overarc{YZ} =$ ▢
4. $m\,\overarc{XY} =$ ▢
5. $m\,\overarc{WX} =$ ▢
6. $m\,\overarc{WZY} =$ ▢

How many attempts? ____.
How well did you do?

😆 Need help!   🙂 Just OK!   😁 Splendid

I HAVE TO KEEP IN MIND THAT…
_____
_____