

Numerical Problems

NAME _____

In the figure below,

$$PD = 3.51 \text{ cm}$$

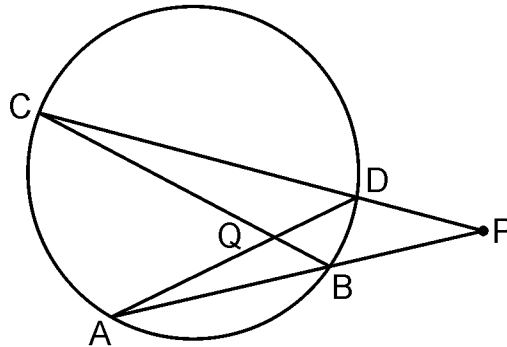
$$QD = 2.60 \text{ cm}$$

$$PC = 11.28 \text{ cm}$$

$$QB = 1.56 \text{ cm}$$

$$PB = 4.38 \text{ cm}$$

$$QE = 4.02 \text{ cm}$$



Use this figure to answer Questions 1-3.

1. Determine the power of P .

2. Determine the length of \overline{AB} .

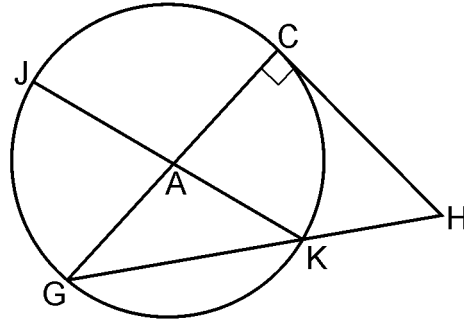
3. Determine the length of \overline{QC} .

In the figure below, A is the center of the circle, and...

$$HC = 3.59 \text{ cm}$$

$$HK = 1.59 \text{ cm}$$

$$AJ = 3.64 \text{ cm}$$



Use this figure to answer Questions 4-6.

4. Determine the power of H .

5. Determine the power of A .

6. Determine the value of \overline{GK} .