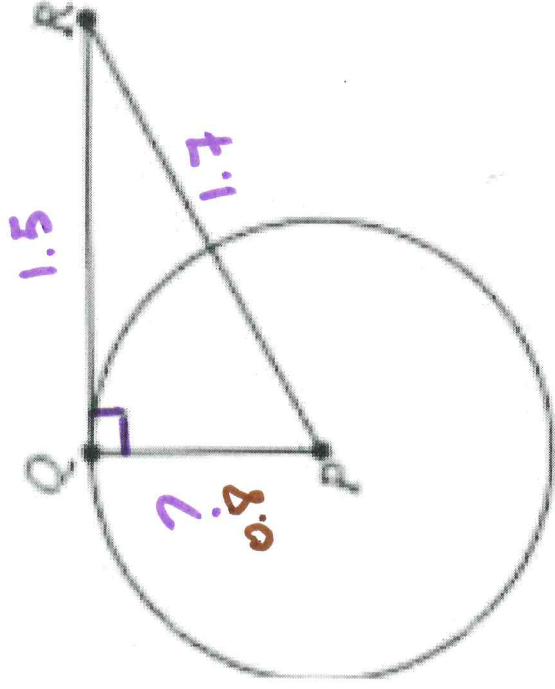


SAT NC Tuesday 02/05

$$R^2 + (1.5)^2 = 1.7^2 \quad \text{No calculator} \\ \text{hard}$$



$$\begin{array}{ccc} 8 & 15 & 17 \\ \hookrightarrow & 0.8 & 1.5 \quad 1.7 \end{array} \quad \begin{array}{l} \text{Pythagorean} \\ \text{triples} \end{array}$$

- In the figure above, QR is tangent to circle P at Q. If $QR = 1.5$ cm and $PR = 1.7$ cm, what is the length of the diameter of circle P?

$$2R$$

$$2 \cdot (0.8) = 1.6$$