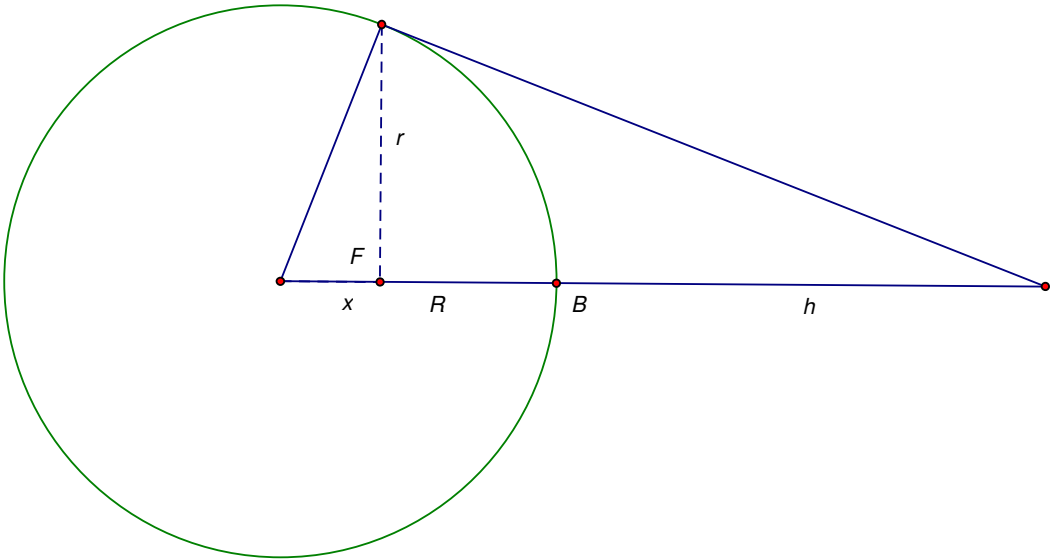


$$\begin{aligned}
 R &= 3.94 \text{ cm} \\
 h &= 6.98 \text{ cm} \\
 x &= 1.42 \text{ cm} \\
 r &= 3.68 \text{ cm}
 \end{aligned}$$

$$\begin{aligned}
 \triangle AT &\cong \triangle AE \\
 R / (R + h) &\Rightarrow AR / R \text{ so}
 \end{aligned}$$

$$\begin{aligned}
 \frac{R}{R + h} &= 0.36 \\
 \frac{x}{R} &= 0.36
 \end{aligned}$$

$$R \cdot \frac{R}{R + h} = 1.42 \text{ cm}$$



C