Correct. One way to set up a correct equation is to use the definition of sine.

$$\sin 35° = \frac{o}{h}$$

Use a calculator for the value on the left and the triangle for the ratio on the right:

$$0.5736 \approx \frac{r}{4}$$

Solve for r: $r \approx 4(0.5736) = 2.2944 \approx 2.29$