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

$$\tan 52^\circ = \frac{o}{a}$$

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

$$1.2799 \approx \frac{y}{8}$$

Solve for y: $y \approx 8(1.2799) = 10.2392 \approx 10.24$