

You can draw a triangle with  $a = 8$  and  $o = 7$ . Then use the Pythagorean Theorem to find the length  $h$ , of the hypotenuse:

$$8^2 + 7^2 = h^2 \Rightarrow 64 + 49 = h^2 \Rightarrow 113 = h^2 \Rightarrow \sqrt{113} = h$$

Now use the definition of secant:

$$\sec X = \frac{h}{a} = \frac{\sqrt{113}}{8}$$