

The Pythagorean Theorem gives you:

$$3^2 + 2^2 = h^2 \Rightarrow 9 + 4 = h^2 \Rightarrow 13 = h^2 \Rightarrow \sqrt{13} = h$$

Then:

$$\sin \theta = \frac{o}{h} = \frac{2}{\sqrt{13}}$$