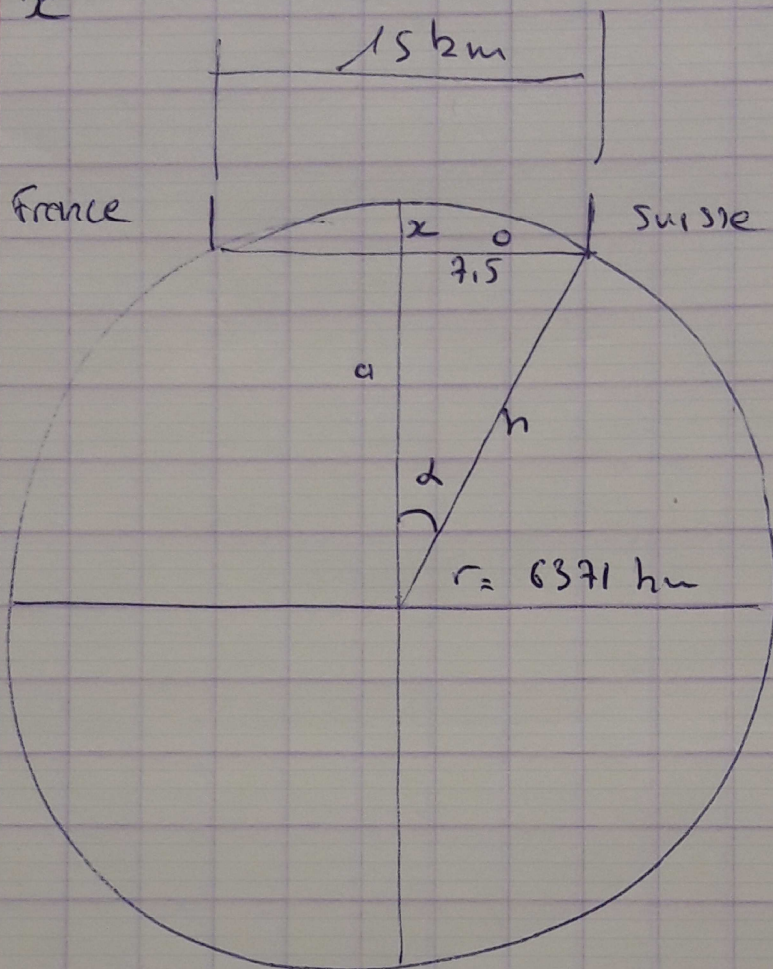


terre : rayon 6371 km

je cherche  $x$



$$\sin \alpha = \frac{7.5}{h} = \frac{7.5}{6371}$$

$$\alpha = \sin^{-1} \left( \frac{7.5}{6371} \right)$$

$$\alpha = 0,00674491343$$

$$\cos \alpha = \frac{a}{h} \Rightarrow a = 6370,9955854641$$

$$x = r - a = 6371 - 6370,9955854641 = 0,004414$$

$$\Rightarrow 0 \approx 4,41 \text{ m.}$$