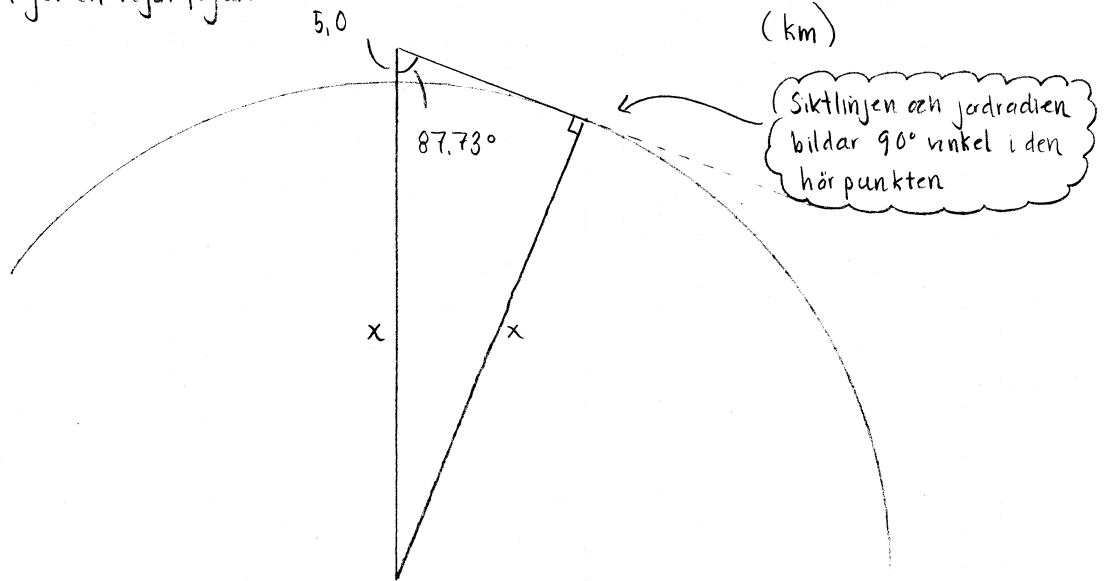


4359

Vi gör en rejäl figur:



Ur figuren får vi

$$\sin 87,73^\circ = \frac{x}{x + 5,0}$$

$$(x + 5,0) \cdot \sin 87,73^\circ = x$$

$$x \cdot \sin 87,73^\circ + 5,0 \cdot \sin 87,73^\circ = x$$

$$x - x \sin 87,73^\circ = 5,0 \sin 87,73^\circ$$

$$x(1 - \sin 87,73^\circ) = 5,0 \sin 87,73^\circ$$

$$x = \frac{5,0 \sin 87,73^\circ}{1 - \sin 87,73^\circ}$$

$$x = 6366 \quad (\approx 6400)$$

Svar: 6400 km