



Preparcial $k^2 = \frac{\sin^6 \theta}{1 - \sin^2 \theta} \qquad k^2 (1 - \sin^2 \theta) = \sin^6 \theta$ $k^2 = \sin^6\theta + k^2 \sin^2\theta$ $K = \frac{kq^2w}{(5)^2} = \frac{8.98 \times 10^9 \cdot (3 \times 10^{-4})^2}{114.6 \cdot 25}$ $k^2 = 0.079524$