

Waves

Consider the following equation:

$$\Delta L = \left(n + \frac{1}{2}\right)\lambda \quad n = 0, 1, 2, 3, \dots$$

a) This equation applies to:

b) The variables and their units are:

ΔL

n

λ

c) Explain the equation in your own words:

d) Draw a diagram of a physical situation where this equation would apply. Label all important quantities.