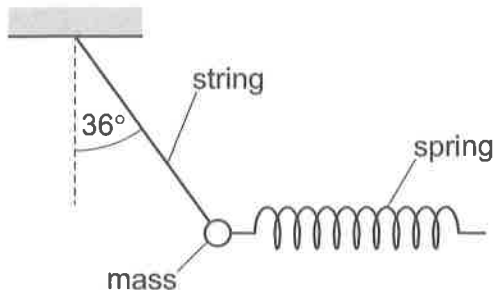5   A mass is tied to the end of a string. The mass is pulled horizontally to one side by a spring of spring constant $25\,\text{N}\,\text{m}^{-1}$.

The mass is in equilibrium and the extension of the spring is $0.060\,\text{m}$. The string is at an angle of $36°$ to the vertical, as shown.

What is the weight of the mass?

A $1.1\,\text{N}$ B $1.5\,\text{N}$ C $1.9\,\text{N}$ D $2.1\,\text{N}$