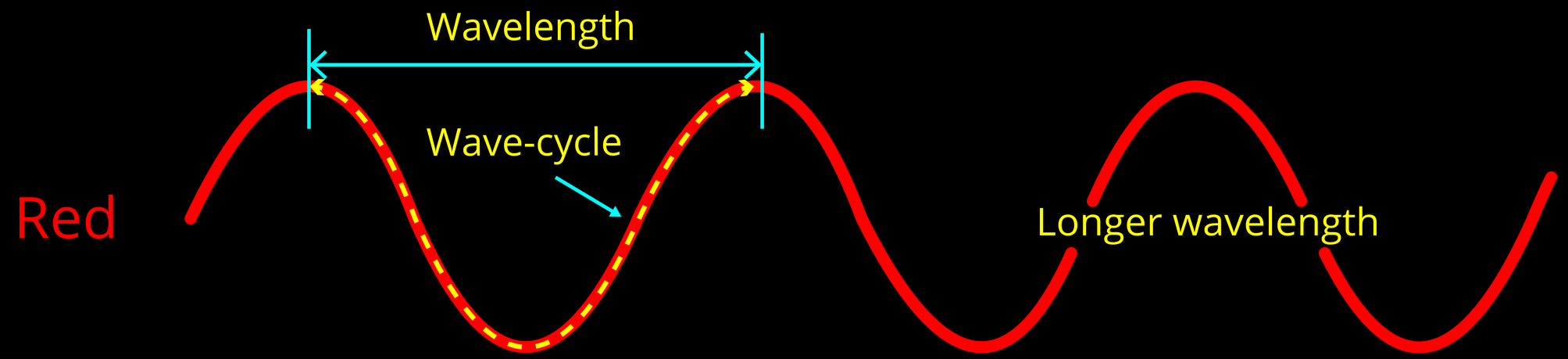
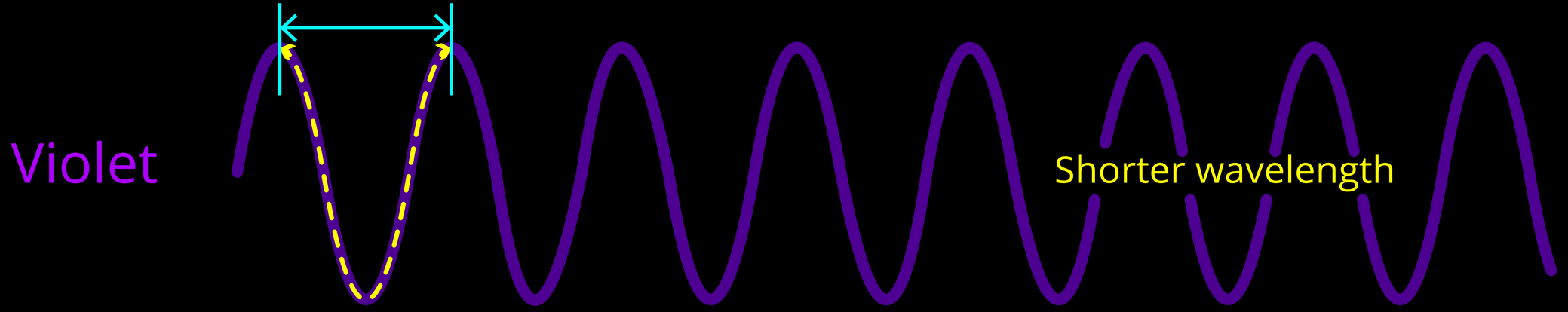
COMPARING WAVELENGTHS OF RED & VIOLET



Wavelength of Red = 700 nanometres
Wavelength of Violet = 450 nanometres



What is a nanometre?

The unit of measurement for wavelength = metres

Millimetre (mm): 1,000 (thousand) millimetre = 1 metre
Micrometre (µm): 1,000,000 (million) micrometres = 1 metre
Nanometre (nm): 1,000,000,000 (billion) nanometres = 1 metre
Picometre (pm): 1,000,000,000,000 (trillion) picometres= 1 metre