

$$VELOCITY = FREQUENCY \times WAVE LENGTH$$

$$v = n \times \lambda$$

# CHART OF ELECTROMAGNETIC RADIATIONS

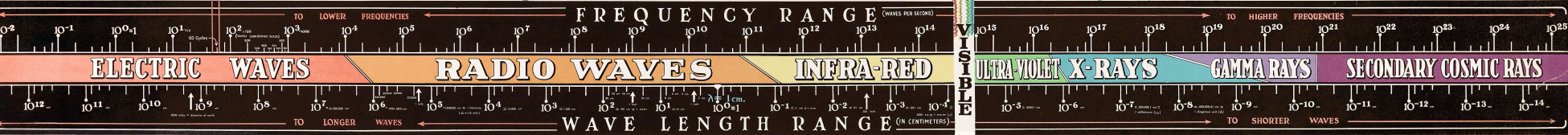
$$ENERGY = PLANCK'S CONSTANT \times FREQUENCY$$

$$E = h (6.623 \times 10^{-27}) \times n$$

CHARACTERIZED BY A COMMON SPEED IN A VACUUM  
SPEED OF LIGHT (C) = 299,774 km. per sec. = (Approximately) 186,000 Miles per sec.

EMITTERS

EMITTERS



WAVE CHARACTERISTICS

PARTICLE CHARACTERISTICS

