

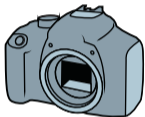
Stopwatch



1

second

Fastest camera shutter



10^{-3}

millisecond

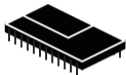
Chemical reactions



10^{-6}

microsecond

Fast electronics



10^{-9}

nanosecond

Molecular vibrations



10^{-12}

picosecond

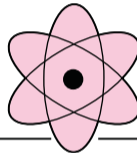
Photosynthesis



10^{-15}

femtosecond

Electron motion in atoms and molecules



10^{-18}

attosecond