

# How Do You Count the Number of Waves in a Wave Pattern?

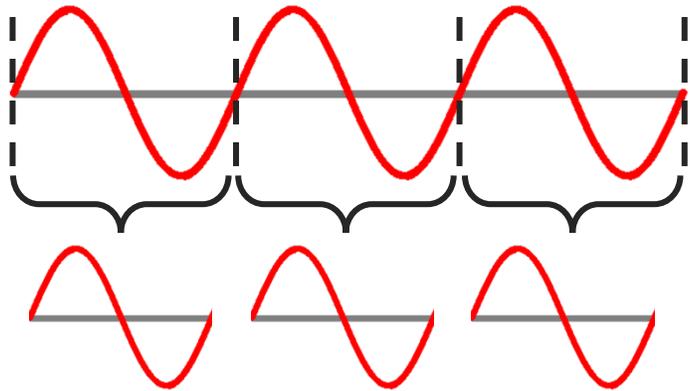
## Video Notes

### What is a Wavelength?

All wave patterns consist of a repeating unit that repeats itself over and over again.

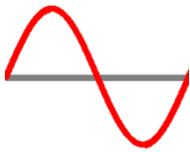
A wavelength is the length of the repeating unit in a wave pattern?

The repeating unit represents "one full wave."

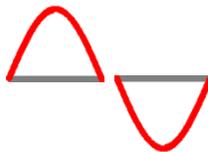


### Recognizing *Half-Waves* and *Quarter Waves*:

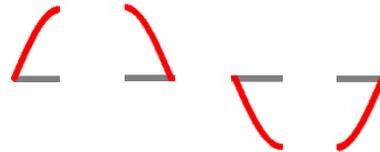
Full Wave



Half Waves



Quarter Waves



### Counting Waves

Put your finger at the start of the pattern and trace over the pattern, counting by half-waves.

