

## Harmonics 2: Harmonics on a String

- A string has a length of 0.6 m.
- A wave on the string has a speed of 5 m/s.

Both ends of the string are fixed.

- Draw the first 5 harmonics on this string:

1

2

3

4

5

Find the wavelength and frequency  
of each harmonic on this string,  
up to the 8<sup>th</sup> harmonic

Harmonic

wavelength

Frequency

1

2

3

4

5

6

7

8