|  |  |  |  |
| --- | --- | --- | --- |
| **Wave #1** | **Trial 1** | **Trial 2** | **Trial 3** |
| Distance (m) |  |  |  |
| Amplitude (m) |  |  |  |
| Wavelength (m) |  |  |  |
| Velocity (m/s) |  |  |  |
| Frequency (Hz) |  |  |  |
| Period (s) |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Wave #2** | **Trial 1** | **Trial 2** | **Trial 3** |
| Distance (m) |  |  |  |
| Amplitude (m) |  |  |  |
| Wavelength (m) |  |  |  |
| Velocity (m/s) |  |  |  |
| Frequency (Hz) |  |  |  |
| Period (s) |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Wave #3** | **Trial 1** | **Trial 2** | **Trial 3** |
| Distance (m) |  |  |  |
| Amplitude (m) |  |  |  |
| Wavelength (m) |  |  |  |
| Velocity (m/s) |  |  |  |
| Frequency (Hz) |  |  |  |
| Period (s) |  |  |  |

**Calculations:**

Distance: Measure from person to person

Amplitude: Measure from the origin to the wave height

Wavelength: Measure from one crest to the next crest

Velocity: How long did it take for the wave to travel the distance between person to person

Frequency: Divide the velocity by the wavelength

Period: Divide 1 by the frequency