**Physics**

**Group quiz #1 on standing waves**

Name

Favorite Meme

**Show your work, and circle your answers and use sig figs to receive full credit.**

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| 1. If this waveform (standing wave) is 1.6 m long, what is the wavelength?  4Antinodes |
| 4Antinodes2. If this waveform (standing wave) is 0.52 m long, what is the wavelength?  If the wave speed is 134 m/s, what is the frequency? |
| 3. If this wavelength is 8.4 m long, how long is this standing wave? 4Antinodes |
| 4. If this wavelength is 3.2 m, how long is this standing wave?  4Antinodes  If the wave speed is 343 m/s, what is the frequency? |