

# Wave Speed Questions

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1. What is the speed of a wave with a frequency of 75Hz and a wavelength of 3 metres?
2. What is the speed of a wave with a frequency of 20Hz and a wavelength of 1.3 metres?
3. What is the speed of a wave with a frequency of 370Hz and a wavelength of 0.2 metres?
4. What is the frequency of a wave with a speed of 6m/s and a length of 2 metres?
5. What is the frequency of a wave with a speed of 16m/s and a length of 4 metres?

**You may need a calculator for these questions.**

**If needed, round your answers up to 2 decimal places.** (eg. 33.3333... becomes 33.33)

**6.** What is the frequency of a wave with a speed of 7m/s and a length of 3.6 metres?

**7.** What is the length of a wave with a speed of 86m/s and a frequency of 9Hz?

**8.** What is the length of a wave with a speed of 6.8m/s and a frequency of 16.5Hz?

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