

Wave speed = frequency x wavelength

1. Calculate the speed of a wave that has a frequency of 50 Hz and a wavelength of 4 m.
2. Calculate the speed of a wave that has a frequency of 200 Hz and a wavelength of 50 m
3. Calculate the speed of a wave that has a frequency of 6 Hz and a wavelength of 2000 m
4. Calculate the speed of a wave that has a frequency of 5000 Hz and a wavelength of 20 m
5. Calculate the speed of a wave that has a frequency of 0.5 Hz and a wavelength of 0.2 m

6. Calculate the speed of a wave that has a frequency of 5 kHz and a wavelength of 4 m
7. Calculate the speed of a wave that has a frequency of 5 Hz and a wavelength of 50 cm
8. Calculate the speed of a wave that has a frequency of 2 M Hz and a wavelength of 4 m
9. Calculate the speed of a wave that has a frequency of 4 M Hz and a wavelength of 8 cm
10. Calculate the speed of a wave that has a frequency of 3 G Hz and a wavelength of 4 mm

11. Calculate the frequency of a sound wave of speed 330 m/s and wavelength 110 m.
12. Calculate the frequency of a water wave of speed 12 m/s and wavelength 6 m.
13. Calculate the frequency of a radio wave of speed 300 000 000 m/s and wavelength 1500 m.
14. Calculate the frequency of a sound wave of speed 1500 m/s and wavelength 6 km.
15. Calculate the frequency of a light wave of speed 300 000 000 m/s and wavelength 0.0005 mm.

16. Calculate the wavelength of a sound wave of speed 330 m/s and frequency 55 Hz.
17. Calculate the wavelength of a water wave of speed 5 m/s and frequency 15 Hz.
18. Calculate the wavelength of a radio wave of speed 300 000 000 m/s and frequency 1 000 000 Hz.
19. Calculate the wavelength of a sound wave of speed 5000 m/s and frequency 2 kHz.
20. Calculate the wavelength of a light wave of speed 300 000 000 m/s and frequency 400 000 GHz.

21. Calculate the speed of a wave that has period 0.2 seconds and wavelength 10 m
22. Calculate the speed of a wave that has period 5 seconds and wavelength 200 m
23. Calculate the speed of a wave that has period 0.025 seconds and wavelength 4 km
24. Calculate the speed of a sound wave that has period 0.01 seconds and wavelength 3 m.
25. Calculate the speed of a radio wave that has period 0.002 milliseconds and wavelength 10 km.

26. Calculate the period of a wave that has speed 50 m/s and wavelength 10 m.
27. Calculate the period of a wave that has speed 400 m/s and wavelength 5 m.
28. Calculate the period of a wave that has speed 5 m/s and wavelength 20 m.
29. Calculate the period of a wave that has speed 2000 m/s and wavelength 4 km.
30. Calculate the period of a wave that has speed 300 000 000 m/s and wavelength 200 m.

31. Calculate the speed of a wave that has a frequency of 60 Hz and a wavelength of 9 m.
32. Calculate the frequency of a sound wave of speed 330 m/s and wavelength 0.66 m.
33. Calculate the wavelength of a sound wave of speed 1500 m/s and frequency 250 Hz.
34. Calculate the speed of a wave that has period 0.04 seconds and wavelength 20 m
35. Calculate the period of a wave that has speed 600 m/s and wavelength 25 m

Equations to use:

wave speed = frequency x wavelength

wavelength = wave speed / frequency

frequency = wave speed / wavelength

frequency = 1 / period