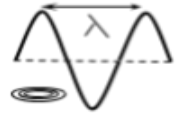


# Waves



# Period Frequency



<p>1. Find the frequency of a wave when 30 such waves pass by a point in 10 s.</p> <p>[3Hz]</p>	<p>2. Find the frequency of a wave when 90 waves pass by in 45 s</p> <p>[2Hz]</p>	<p>3. Find the frequency of a wave when 12 waves pass by in 24 s</p> <p>[0.5Hz]</p>
<p>4. A wave has a frequency of 20 Hz. How many full waves pass a point in 15 s?</p> <p>[300]</p>	<p>5. A wave has a frequency of 5 Hz. How many full waves will pass a point in 3 s?</p> <p>[15]</p>	<p>6. A wave has a frequency of 50 Hz. How many full waves will pass by in 5 s?</p> <p>[250]</p>
<p>7. A wave has a frequency of 20 Hz. Calculate the period of the wave.</p> <p>[0.05s]</p>	<p>8. The frequency of a wave is 1.25 Hz. Calculate the period of the wave.</p> <p>[0.8]</p>	<p>9. The frequency of a wave is 100 Hz. Calculate the period of the wave.</p> <p>[0.01 s]</p>
<p>10. A wave has a frequency of 200 Hz. Calculate the time taken for 2 whole waves to pass a point.</p> <p>[0.01 s]</p>		
<p>11. A wave has a frequency of 0.05 Hz. Calculate the time for 4 whole waves to pass a point.</p> <p>[80 s]</p>		

