

## Sound



Name_	CI	ass	_ Date
1	A boat is anchored at sea.  What does the up and down motion of the boat show?  The molecules of water only move up and down while the energy moves forward.  The boat's motor is on.  The molecules of water move side to side while the energy moves forward.	What is the frequency speed of 20 m/s and 0.4 m?  wave speed = wavele  A 8 Hz B 0.2 Hz C 50 Hz 20.4 Hz	a wavelength of
3	Which statement about wave A and wave B is correct?	Speed of sound changes in which sound waves trachart, what is the overall slowest to the factors of	avel. Based on this I trend from the
5	PREV	ABC ABC	
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7	actually softer than it is a few seats forward. Which wave interaction explains this problem?  A reflection interference cidiffraction refraction	trough	ampliade crest
9	Natch the term with the correct label  A B  compression  rarefaction wavelength	overtones B.	e correct definition.  sound that produces pleasing patterns distinct sound of an instrument natural vibrational frequency



## Sound



Name_	CI	ass	Date	
1	A boat is anchored at sea.  What does the up and down motion of the boat show?  The molecules of water while the energy moves forward.  The ocean is standing still.  The boat's motor is on.  The molecules of water move side to side while the energy moves forward.	What is the frequence speed of 20 m/s and 0.4 m?  wave speed = wavel  A 8 Hz B 0.2 Hz C 50 Hz  20 4 Hz	a wavelength of	
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