Physics Interactive Quiz: Electromagnetism/EMR Name:

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	#	1	question	Answer	0	<score< td=""></score<>
			megahertz is the frequency of a radio station you like to listen to. Find the wavelength for this wave in meters:			
#	1	20			0	
			How long should you make your car radio antenna to get this station best?			
#	2	20			0	
			what is the velocity of these waves?			
#	3	20			0	
#	4	30	meters is the distance between waves that you surf at the beach. If these waves come by every 15 seconds, find their period		0	
π	7	30	find their wavelength		U	
#	5	30	ma non narolonga		0	
			find their velocity			
#	6	30			0	
	_		m/s is the velocity of a 2m wire that moves north in a magnetic field falling like rain of 5 teslas. Find the voltage in the wire			
#	7	40	1:-1		0	
44	8	40	which end is positive, east end or west?		0	
#	0	40	Ele and Fede are swinging a wire like a jump rope		U	
#	9	40	(salta la corda). If Fede is closer to the flagpole, and she sees the rope moving clockwise and down, is her end positive or negative?		0	
#	10	40	What is Ele's end then?		0	

Extra Credit: Explain why tidal waves (tsunamis) are only inches high out at sea and hundreds of feet high when they reach the harbor. Give examples if you can