Lightning

This task is about the relationship between thunder and lightning.



You can work out roughly how far away a thunderstorm is by counting the number of seconds between when you see the flash of lightning, and when you hear the sound of thunder.

Then you divide the number of seconds by three to get the distance in kilometres.

Their you divide the numb	iel of seconds by tillee to	get the distance in knomet	163.
a) i) Why do you see light	ning before hearing the th	nunder?	
Light travels much faster than sound.	Your senses will always detect light quicker.	The sound waves are often muffled by the clouds.	The lightning flash is very bright.
Explain your answer.			
	ne lightning and the thundo he thunderstorm when thi		res
conductor.	ound, so that when lightni	ey are protected by a rod canger ing strikes the electricity ca	
o concrete.	O rubber.	o metal.	O wood.
Explain your answer.			
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