

Question number	Answer	Notes	Marks
5 (a)	An arrow drawn from left to right by eye;		1
(b)	<p>Comparative statements for side containing A:</p> <p>Wavefronts closer together/EQ;</p> <p>(therefore) wavelength smaller;</p> <p>Same speed;</p> <p>(<math>v = f \times \lambda</math> so) frequency larger;</p>	<p>Allow RA for B</p> <p>Allow e.g. "waves more compressed together"</p> <p>Condone mention of the Doppler effect for 1 mark if no other mark scored.</p>	4