

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