

3	<p>A is the correct answer as frequency is unchanged when travelling into a different medium</p> <p>B is not the correct answer as some of the light intensity becomes the reflected light.</p> <p>C is not the correct answer as the speed decreases when travelling into a more optically-dense substance</p> <p>D is not the correct answer as the wavelength decreases when travelling into a more optically-dense substance</p>	(1)
4	<p>C is the correct answer as the wavelength is halved</p> <p>A is not the correct answer as the frequency is halved</p> <p>B is not the correct answer as the speed is halved</p> <p>D is not the correct answer as the speed is halved</p>	(1)