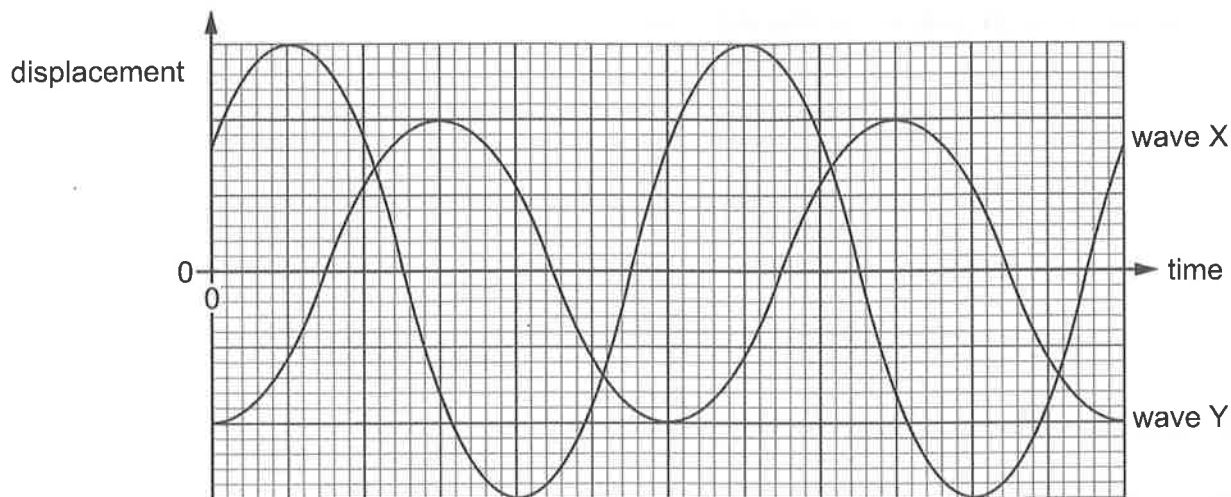


**14** The variation with time of the displacement of two transverse waves X and Y is shown.



What is the phase difference between the waves and what is the ratio of their intensities?

	phase difference / °	ratio of intensities
<b>A</b>	60	1.50
<b>B</b>	60	2.25
<b>C</b>	120	1.50
<b>D</b>	120	2.25

**15** The ideal polarising filters are arranged in the order shown