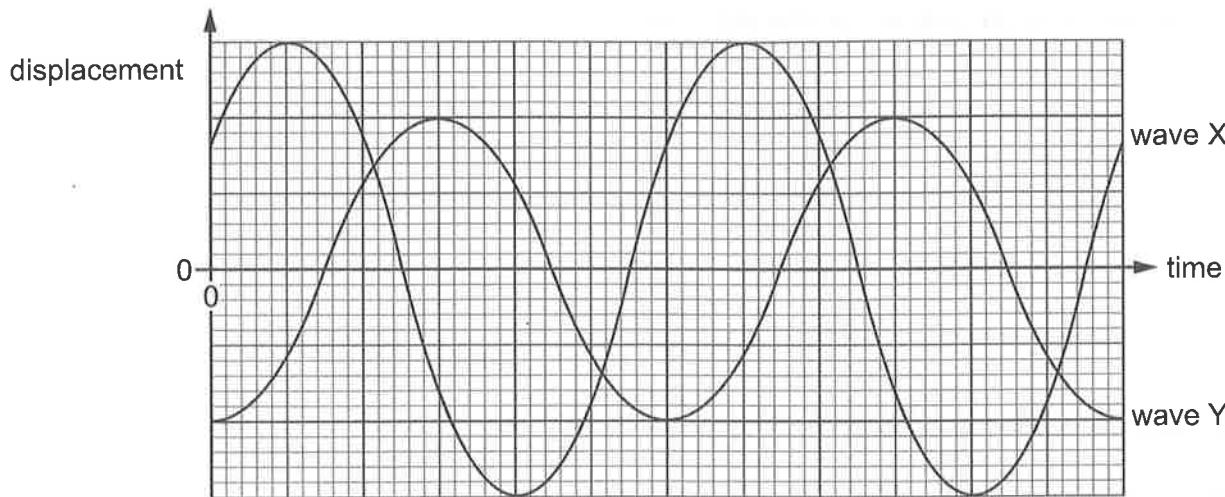


14 The variation with time of the displacement of two transverse waves X and Y is shown.



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

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

15 The optical polarising filters are arranged in the order shown.