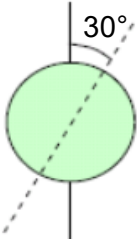
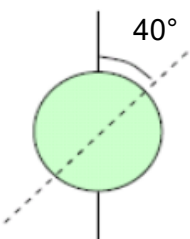
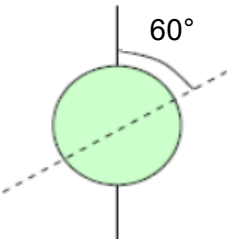


- 15 The table below shows three polarisers W, X and Y.

A beam of unpolarised light of intensity  $I_0$  is incident normally onto the surface of polariser W, which then passes through polariser X and eventually emerges from polariser Y.

The polarising direction of each polariser is indicated by a dashed line.

W	X	Y
		

The transmitted intensity of light after the light emerges from polarizer Y is

- A**  $0.32 I_0$       **B**  $0.43 I_0$       **C**  $0.64 I_0$       **D**  $0.86 I_0$