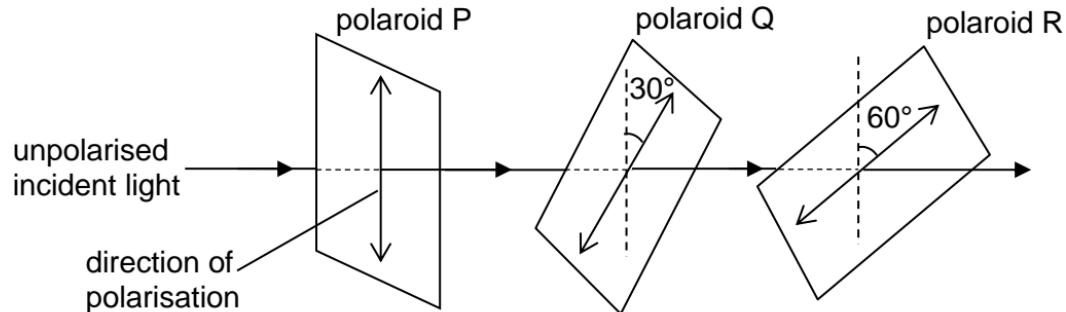


- 15 Three sheets of polaroids P, Q and R are arranged as shown below. Polaroid Q and R's direction of polarization is 30° and 60° relative to that of polaroid P.



A beam of light passes through all three polaroids. After passing through polaroid P, the transmitted beam has an intensity of I .

What is the intensity of the beam after passing through R?

A $0.19I$

B $0.43I$

C $0.56I$

D $0.75I$