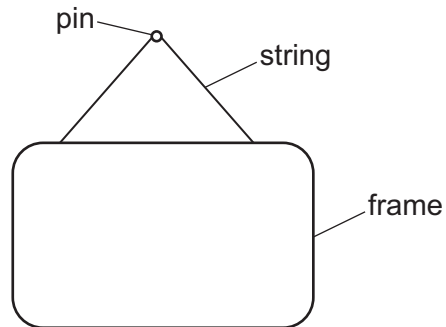
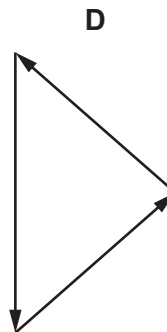
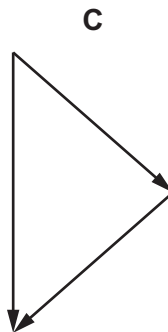
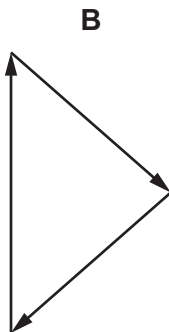
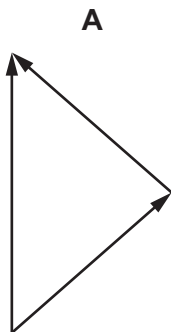


- 11** A picture frame hangs from a string. The string is supported by a pin. The frame is in equilibrium.



Which diagram shows the vector triangle of forces acting on the picture frame?



- 12** A solid rectangular block of length 0.70 m , width 0.30 m and height 1.0 m is suspended from a horizontal wire by two vertical strings. The strings are attached to the top corners of the block and to the wire. The strings are 1.0 m long and the block is in equilibrium.