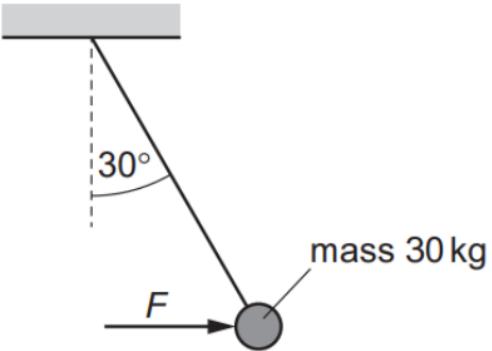


- 7 A mass of 30 kg is suspended from the end of a wire. A horizontal force F acts on the mass so that it is in equilibrium, with the wire at an angle of 30° to the vertical, as shown.



What is the magnitude F ?

A 17 N

B 150 N

C 170 N

D 510 N