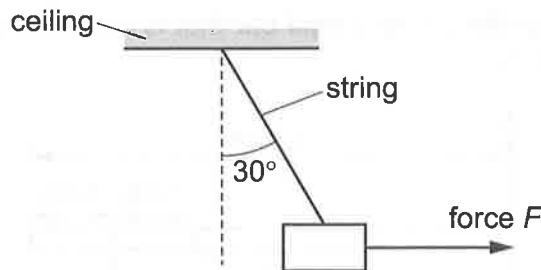


- 8 An object of weight  $W$  is suspended by a string from the ceiling.



A horizontal force  $F$  acts on the object. The string exerts force  $T$  on the object when the object is in equilibrium.

Which diagram represents the vector triangle for the forces acting on the object?

