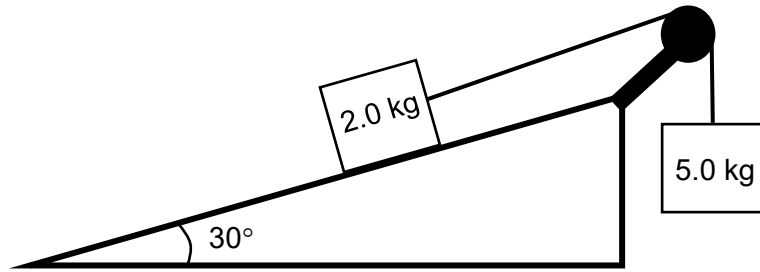4   Two blocks of mass 2.0 kg and 5.0 kg are connected by a light string that is passed over a frictionless pulley. The 2.0 kg block is accelerating up the slope.

Given that the friction between the block and the surface of the slope is 7.0 N, what is the tension in the string?

A   26 N   **B**   31 N   **C**   39 N   **D**   49 N