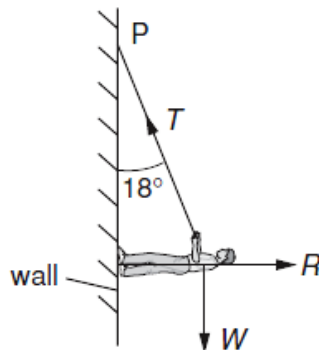**8**   A climber is supported by a light rope on a vertical wall as shown.

The weight W of the climber is 520 N and the reaction force R acts at right angles to the wall. The climber is in equilibrium.

Which row shows the value of the tension T in the rope and R?

	T / N	R / N
A	500	150
B	500	480
C	550	170
D	550	520