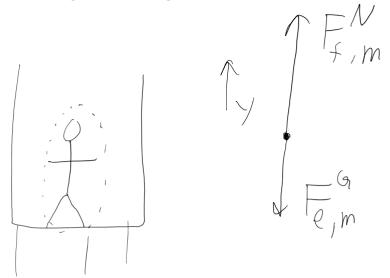
An elevator is lifting a 80kg man up. If he started from rest and the elevator accelerates to a final speed of 4 m/s in 2 seconds what was the apparent weight of the man during the acceleration?



$$\begin{aligned}
& = V_1 + a_9 \Delta t \\
& + V_5 = V_1 + a_9 \Delta t \\
& + V_4 = 0 + a_9 (a) \\
& + V_7 = A_9 (a) \\
& = A$$