

- 7** A man of 70 kg stands on a weighing scale in a lift. The lift begins to ascend with an acceleration of 0.80 m s^{-2} , before slowing to a stop with a maximum deceleration of 0.30 m s^{-2} .

What is the difference between the maximum and minimum reading of his mass observed on the weighing scale?

- A** 2.1 kg **B** 3.6 kg **C** 5.7 kg **D** 7.8 kg

