9 A person of mass 70 kg is standing on the floor of a lift, as shown. The lift is accelerating downwards at $1.5\,\text{m}\,\text{s}^{-2}$.

Which of the following gives the normal reaction R, in N, acting on the person?

☒ **A** $R = 70 \times 9.81$

☒ **B** $R = 70 \times 1.5$

☒ **C** $R = (70 \times 9.81) + (70 \times 1.5)$

☒ **D** $R = (70 \times 9.81) - (70 \times 1.5)$

(Total for Question 9 = 1 mark)