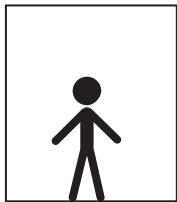


- 9 A person of mass 70 kg is standing on the floor of a lift, as shown. The lift is accelerating downwards at 1.5 m s^{-2} .



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)