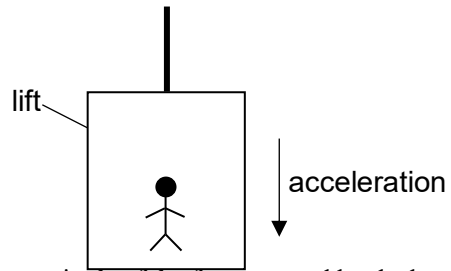


- 4 A boy stands in a lift that is accelerating downwards as shown.



Which statement describes the magnitude of the force exerted by the boy on the floor?

- A It is equal to the weight of the boy.
- B It is less than the weight of the boy.
- C It is less than the force exerted by the floor on the boy.
- D It is greater than the force exerted by the floor on the boy.