

9 A man weighs 240N on Mars where the acceleration of free fall g is 4 ms^{-2} . On the Moon, g is 2 ms^{-2} .

Which statement is correct?

- A** The man has a mass on Mars of 60N.
- B** The man has a mass on the Moon of 120kg.
- C** The man weighs 120N on the Moon.
- D** The man weighs 240N on the Moon.

10 A body experiences a varying resultant force that causes its momentum to vary, as shown in the