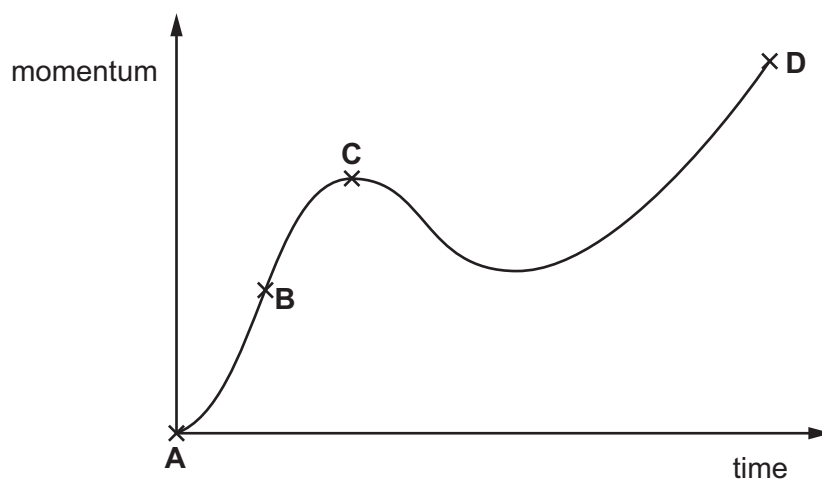


- 9 A man weighs 240 N on Mars where the acceleration of free fall g is 4 m s^{-2} . On the Moon, g is 2 m s^{-2} .

Which statement is correct?

- A The man has a mass on Mars of 60 N.
 - B The man has a mass on the Moon of 120 kg.
 - C The man weighs 120 N on the Moon.
 - D The man weighs 240 N on the Moon.
- 10 A body experiences a varying resultant force that causes its momentum to vary, as shown in the graph.

At which point does the resultant force have the largest value?



Space for working