

- 3 An ion is accelerated in a vacuum by a series of electrodes. A graph of the power supplied to the ion is plotted against time.

What is represented by the area under the graph between two times?

- A the average force on the ion
- B the change in kinetic energy of the ion
- C the change in momentum of the ion
- D the change in velocity of the ion

- 4 What is the value of the following sum of fractions?