

- 2 A car of mass 850 kg is travelling in a horizontal straight line. The diagram shows the two horizontal forces acting on the car in opposite directions.



One force has magnitude 1200 N , and the other force has magnitude 1600 N .

What is the magnitude of the acceleration of the car?

- A** 0.47 ms^{-2} **B** 1.4 ms^{-2} **C** 1.9 ms^{-2} **D** 3.3 ms^{-2}