9 A car of mass 1200 kg travels along a horizontal road at a speed of 10 m s^{-1}. At the time it just begins to accelerate at 0.20 m s^{-2}, the total resistive force acting on the car is 160 N.

What is the total output power developed by the car as it just begins its acceleration?

A 800 W **B** 1600 W **C** 2400 W **D** 4000 W