

- 3** A car of mass 1500 kg has a driving force of 5600 N and it pulls a trailer of mass 500 kg. The resistive forces acting on the car and trailer are 1200 N and 400 N respectively.

What is the tension in the coupling between the car and trailer for this acceleration?

A 0 N

B 1400 N

C 1800 N

D 2600 N