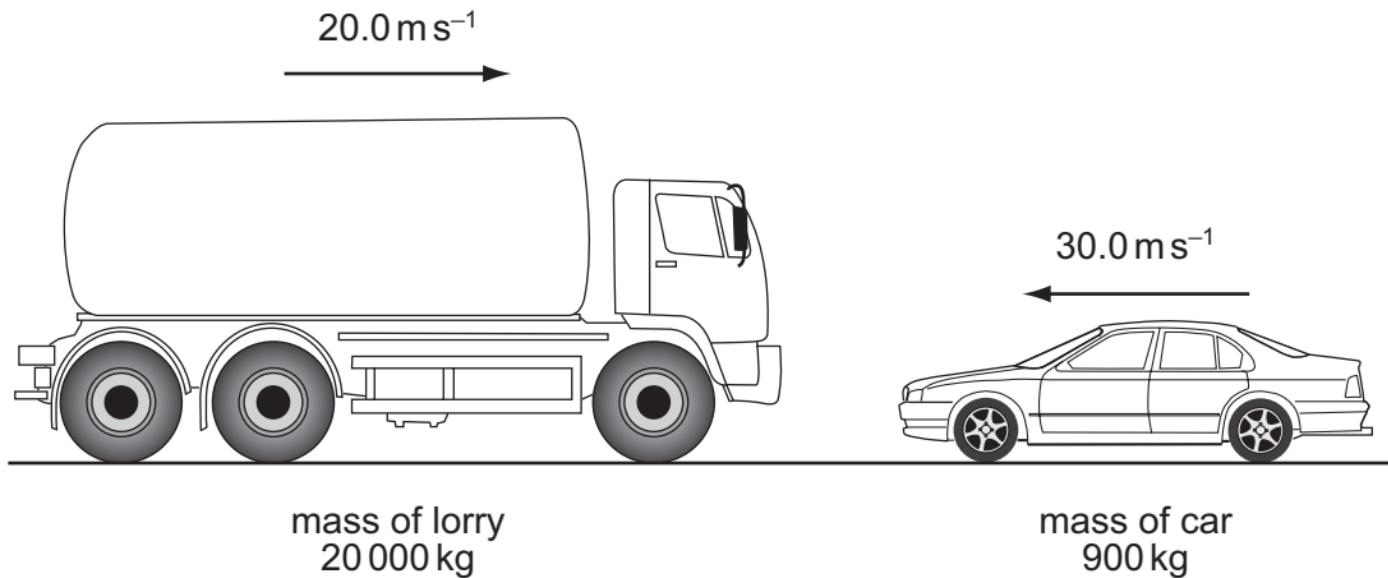


- 11 The diagram shows a situation just before a head-on collision. A lorry of mass 20 000 kg is travelling at 20.0 m s^{-1} towards a car of mass 900 kg travelling at 30.0 m s^{-1} towards the lorry.



What is the magnitude of the total momentum?

- A 373 kNs B 427 kNs C 3600 kNs D 4410 kNs