

10 A lorry of mass 3000 kg pulls a trailer of mass 1000 kg with an acceleration of 2.0 m s^{-2} .

What is the driving force due to the engine?

A 2000 N

B 4000 N

C 6000 N

D 8000 N

11 A uniform isolated disc is subjected to three forces, each given in terms of units of magnitude F .