8	A resultant force causes a body to accelerate.								
	What is equal to the resultant force?								
	Α	A the acceleration of the body per unit mass							
	В	the change in kinetic energy of the body per unit time							
	С	the change in momentum of the body per unit time							
	<b>D</b> the change in velocity of the body per unit time								
9	A ship of mass $8.4\times10^7$ kg is approaching a harbour with speed $16.4\mathrm{ms^{-1}}$ . By using reverse thrust it can maintain a constant total stopping force of 920 000 N.								
	How long will it take to stop?								
	Α	15 seconds							
	В	150 seconds							
	C 25 minutes								
	<b>D</b> 250 minutes								
10	A tractor of mass 1000 kg is connected by a tow-bar to a trailer of mass 1000 kg. The tota resistance to motion has a constant value of 4000 N. One quarter of this resistance acts on the trailer.								
	When the tractor and trailer are moving along horizontal ground at a constant speed of 6 m s <sup>-1</sup> , what is the force exerted on the tractor by the tow-bar?								
	Α	0 N	В	1000 N	С	3000 N	D	4000 N	
Spa	ice f	or working							