1A Momentum in One Dimension

Momentum:		
Impulse:		
	nd the magnitude of the momentum of: cricket ball of mass 400g moving at 18ms ⁻¹	
h\ ^	lorry of mass 5 tonnes moving at 12ms ⁻¹	
b) A	ion y or mass o torines moving at 121115	

2.	A body of mass 2kg is initially at rest on a smooth horizontal plane. A horizontal force of magnitude 4.5N acts on the body for 6s. Find:
a)	The magnitude of the impulse given to the body by the force
b)	The final speed of the body
3.	A ball of mass 0.2kg hits a vertical wall at right angles with a speed of 3.5ms ⁻¹ . The ball rebounds from the wall with speed 2.5ms ⁻¹ . Find the magnitude of the impulse the ball exerts on the wall.