1		When a force F moves its point of application through a displacement s in the direction of the orce, the work W done by the force is given by										
W = Fs.												
	Hov	ow many vector quantities and scalar quantities does this equation contain?										
	Α	one scalar quantity and two vector quantities										
	В	one vector quantity and two scalar quantities										
	С	three scalar quantities										
	D	three vector quantities										
2		That is a possible unit for the product VI , where V is the potential difference across a resistor and I is the current through the same resistor?										
	Α	newton per second (N s ⁻¹)										
	В	newton second (Ns)										
	С	newton metre (Nm)										
	D	newton metre per second (N m s ⁻¹)										
3		/hat is a reasonable estimate of the average kinetic energy of an athlete during a 100 m race at takes 10 s?										
	A	40 J	В	400 J	С	4000 J	D	40 000	J			
Space for working												