Question number			Answer	Notes	Marks
7	(a)	(i)	Weight = mass x g;	allow in accepted symbols ignore units, triangle eqns	1
		(ii)	700;		1
			N / newton(s);	ignore kg m/s^2	1
	(b)		*EXPANATIONS (not descriptions)* Any **four** from: MP1. Weight / resultant force downwards; MP2. so at first (skydiver) accelerates; MP3. but drag increases with speed; MP4. hence resultant force decreases; MP5. so acceleration then decreases; MP6. so forces eventually balanced; MP7. causing terminal velocity;	allow suitable labels on graph drag = weight allow constant speed for terminal velocity but not maximum speed	4