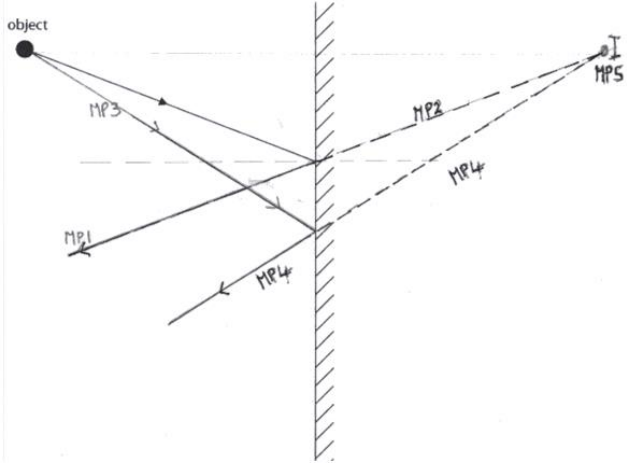| Question number	Answer	Notes	Marks
8 a	any four from: MP1. original ray reflected from mirror with i=r; MP2. reflected ray projected back behind the mirror along the same line; MP3. second ray drawn from the object to the mirror; MP4. second ray reflected correctly and projected back behind the mirror (such that it intersects the original ray projection); MP5. image labelled where the rays intersect; 	rays drawn do not need arrows judge reflection angle by eye line does not need to be dashed line does not need to be dashed allow this mark even if the intersection is in front of the mirror	4
b	virtual;	allow lateral inversion / imaginary / object'	1

Total for question 8 = 5 marks