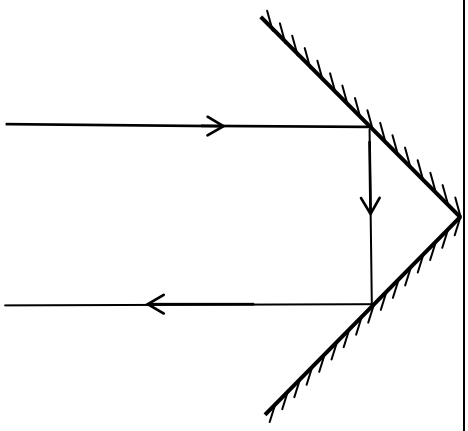
Question number	Answer	Notes	Marks
15 (a)	Reflection at first surface correct; Ray emerges parallel; 	Judge diagram by eye	2
(b)	rearrangement and correct substitution; factor of 2 taken into account; value given to at least 2 significant figures; e.g. Time to reach moon = ½ x 2.6 = 1.3 (s) Distance = time x speed = 1.3 x 300 000 = 390 000 (km) OR Total distance = 2.6 x 300 000 = 780 000 So distance to moon = ½ x 780 000 = 390 000 (km)	working must be shown Reverse argument (starting with 400000 km) allow 2 max	3