

Question number	Answer	Notes	Marks
6 (a) (i)	170 x 0.74; 126 (m);	Correct final value = 2 irrespective of working If final value is incorrect, award one mark for correct working OR ACCEPT 125.8 (m) for one mark	2
(ii)	Any two of Miscounted number of paces; Guessed / estimated pace length; Uneven pace length; Measuring the shadow, not the wheel; Given to the nearest metre; ground may not be flat; shadow is different at different times of the day; shadow may have changed during measuring; may not have walked in a straight line; may not have walked across the centre of the shadow;	ACCEPT any other reasonable point IGNORE 'used no measuring equipment' IGNORE 'human error' alone	2
(iii)	Any one of Repeat and remove anomalies; check measurement of pace; use of tape measure / metre rule / trundle wheel / click wheel / step counter / GPS receiver;	ACCEPT other reasonable points 'Repeat' alone is insufficient IGNORE 'measure the actual London Eye' (doesn't improve the accuracy of <i>this</i> method)	1