Question number	Answer	Notes	Marks
3 a i	newtons / N;	Reject n, Ns Allow Newtons	1
ii	any one of scales weighing scale electronic/electric balance newtonmeter;	newtonmetre	1
b	MP1. Record outline of foot; MP2. Attempt at evaluation of area; MP3. Detail of method of measurement; e.g. Draw round foot / feet Count / estimate the squares On squared / graph paper	Allow suitable alternatives dip foot into paint/ink and make footprint find area of rectangle around foot area of rectangle minus area of spaces around the foot use of ruler is insufficient for MP3	3
c i	Pressure = force / area; Substitution into correct equation; Evaluation; e.g. Pressure = $\frac{650}{270}$ 2.4	ACCEPT • rearranged equation • equation in recognised symbols Ignore triangle or units equation allow 2.41 or 2.4074 etc	1 1 1

(Total for Question 3 = 8 marks)