Question	Answer	Mark	Mark scheme	Additional guidance
28 (a)	$100 < w \leq 150$	B1	cao	
(b)	152	M1	for finding 5 products within the interval (including end points) with not more than one error, may be seen near table, eg 75 × 34 (= 2550), 125 × 29 (= 3625), 175 × 27 (= 4725), 225 × 19 (= 4275), 275 × 11 (= 3025) or for 18200	do not award this mark if the final answer comes from an alternative incorrect method, eg 120 ÷ 5 (= 24) or $\Sigma mp \div \Sigma f$ (875 ÷ 120 (= 7.29…)) or $\Sigma mp \div 5$ (875 ÷ 5(= 175))
		M1	for $\Sigma fx \div \Sigma f$ eg ("2550" + "3625" + "4725" + "4275" + "3025") ÷ 120 or "18200" ÷ 120	Σfx must come from 5 products, fx within intervals (including end points)
		A1	for answer in the range 151 to 152	Correct midpoints must be used for the award of the A mark

Min fx	Max fx
1700	3400
2900	4350
4050	5400
3800	4750
2750	3300
15200	21200