5	LW = 180 oe ($9LW$ = 1620) or $4L \times (L + W)$ = 1620 oe or $5W \times (L + W)$ = 1620 oe or $4L = 5W$ oe ($L = \frac{5}{4}W$ oe or $W = \frac{4}{5}L$ oe)		5	M2 for any two correct equations from (i) LW = 180 oe ($9LW$ = 1620) (ii) $4L \times (L + W)$ = 1620 oe (iii) $5W \times (L + W)$ = 1620 oe (iv) $4L = 5W$ oe ($L = \frac{5}{4}W$ oe or $W = \frac{4}{5}L$ oe) (M1 for one correct equation **or** 1620 ÷ 9 (= 180))
	$L \times "\frac{4}{5}L" = "180"$ oe or $W \times "\frac{5}{4}W" = "180"$ oe or $4L \times \left(L + \frac{4}{5}L\right) = 1620$ oe or $5W \times \left(\frac{5}{4}W + W\right) = 1620$ oe or $9L\left("\frac{4}{5}L"\right) = 1620$ oe or $9\left("\frac{5}{4}W"\right)W = 1620$ oe or $4\left("\frac{180}{W}"\right)^2 + 4("180") = 1620$ oe or $5("180") + 5\left("\frac{180}{L}"\right)^2 = 1620$ oe			M1 for a correct equation in terms of one variable only
	Correct answer scores full marks (unless from obvious incorrect working)	L = 15 and W = 12		A2 for both correct (A1 for one correct) Award 4 marks for L = 12 and W = 15 dep on M3
				Total 5 marks