3	eg $\sin 65 = \frac{AB}{8.4}$ **or** $\frac{AB}{\sin 65} = \frac{8.4}{\sin 90}$		3	M1	for setting up a trig equation in *AB*
	eg $(AB =)\ 8.4\sin 65$ **or** $(AB =)\frac{8.4\sin 65}{\sin 90}$			M1	for a complete method
		7.61		A1	accept 7.61 – 7.613
					Total 3 marks

4	eg $\frac{2}{5} \times 150 (= 60)$ **or** eg 0.32 × 150 (= 48)		5	M1	for finding the number of small mugs **or** number of medium mugs
	eg 150 – "60" – "48" (= 42)			M1	for finding the number of large mugs
	eg "60" × 8.50 + "48"× 11.20 + "42" × 14.20(= 1644) **or** 510 + 537.6 + 596.4 (= 1644)			M1	for working out the income, Profit = 504 implies M3
	eg $\frac{"1644" - 1140}{1140} \times 100$ **or** $\frac{"1644"}{1140} \times 100 - 100$			M1	(indep) for a complete method to find the percentage profit for **their total income** (must be greater than 1140) An answer of 144 implies M4
		44		A1	44 or better (44.2105…)
					Total 5 marks