Question		Working	Answer	Mark	Notes	
7			47.5	4	M1	Forming a right-angled triangle with angle 125 – 90 marked or 55 marked
		$\tan'35' = \frac{x}{15}$ or $\tan'55' = \frac{15}{x}$ or $\frac{x}{\sin 35} = \frac{15}{\sin 55}$			M1	
		$x = 15 \times \tan$ '35' (= 10.5...) or $x = \frac{15}{\tan'55'}$ (= 10.5…) or $x = \frac{15}{\sin 55} \times \sin 35$ (= 10.5…)			M1	
		10.5 + 37			A1	awrt 47.5
8	(a)		$3k^3m$	2	B2	B1 for an answer in the form ak^xm^y with 2 correct from $a = 3$, $x = 3$, $y = 1$
	(b)	$7 + 1 < 4x \leq 17 + 1$ or $\frac{7}{4} < x - \frac{1}{4} \leq \frac{17}{4}$	$2 < x \leq 4.5$	3	M1	or one side of the inequality correct, e.g. 2 or 4.5
		$(7+1) \div 4 < x \leq (17+1) \div 4$ or $\frac{7}{4} + \frac{1}{4} < x \leq \frac{17}{4} + \frac{1}{4}$			M1	
					A1	Accept $x > 2$, $x \leq 4.5$