

Q1. (2018)

19	Alternative method 1 Using one half of the isosceles triangle		
	(base angle =) 35 or (top angle =) 55	B1	may be on diagram
	$\cos(\text{their } 35) = \frac{6}{x}$ or $\sin(\text{their } 55) = \frac{6}{x}$ or $6^2 + (6 \tan(\text{their } 35))^2$	M1	oe eg $\frac{\sin 90}{x} = \frac{\sin(\text{their } 55)}{6}$ any letter their 35 must be acute their 55 must be acute
	$\frac{6}{\cos(\text{their } 35)}$ or $\frac{6}{\sin(\text{their } 55)}$ or $\sqrt{6^2 + (6 \tan(\text{their } 35))^2}$ or 7.3(2...)	M1dep	oe
	[50.6, 50.65]	A1ft	ft B0M2 with evaluation of $36 + 2 \times \text{their } 7.3(2\dots)$