

1(a)	$s^2 = \frac{1}{9} \left('71314' - \frac{'844'^2}{10} \right) \quad \left[= \frac{134}{15} = 8.933 \right]$
	2.262
	$\frac{'844'}{10} \pm '2.262' \sqrt{\frac{'8.933'}{10}}$
	[82.3, 86.5]
	The distribution of estimates of angles is normal. OR The estimates are a random sample from some population. OR The estimates are independent. OR Underlying distribution is normal.
1(b)	Population unlikely to be normal as θ is close to right-angle / data is skewed. OR Estimates may not be independent, for example due to collusion. OR No indication that sample is random.