

2(a)	N (6,)
	$\sigma^2 = \frac{3}{2} = 1.5$ (or $\sigma = \sqrt{1.5}$ or $\frac{\sqrt{6}}{2}$ or 1.22 (3sf)
	$\frac{6.2 - 6}{\sqrt{\frac{1.5}{100}}}$
	= 1.633
	$P(\bar{X} > 6.2) = 1 - \Phi('1.633')$
	= 0.0512 or 0.0513 (3sf)
2(b)	Population (X) is not normally distributed / Population (X) is Binomial