Order of Play

- Questions & Answers
- Last Week's Answers
- Very Quick Recap
- Handout and Practice

Very Quick Recap

- Those equations:

Individual variable and score	Sample mean
$s = \sqrt{\frac{\sum(x - \bar{x})^2}{n - 1}}$	$SE = \frac{s}{\sqrt{n}}$
$z = \frac{x - \bar{x}}{s}$	$z = \frac{\bar{x} - \mu}{SE}$

Very Quick Recap

- z-scores, deviations, significance, and confidence intervals:
  - A value with a z-score of ± 2 or more is:
    - 2 or more standard deviations/errors from the variable mean/assumed population mean
    - Significantly different from the assumed population mean at the 5% level
    - Outside the 95% confidence intervals around the assumed population mean

Handout and Practice

- Read through the handout and answer the questions
- Select an interval variable in the dataset
- Hypothesise a population mean for the variable that you've chosen
- Test whether the sample mean is significantly different from the hypothesised population mean
- Calculate confidence intervals around the sample mean