**Hypothesis Testing Procedure**

* Define the variable (1)
* Write down the two hypotheses (2)

[If not given, identify an appropriate test statistic and the distribution of the corresponding random variable.]

* Identify the significance level, usually given (3) and whether it’s one or two tailed (4).
* Determine the probability of the sample data occurring randomly, should be done before collecting data (5).
* Determine whether the probability of sample data is less than or greater than the significance level (6).
* Determine and clarify in context the outcome of the test (7 and 8)

**A possible writing frame…**

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| 1 | Define the variable |  |
| 2 | Write down the null and alternate hypotheses |  |
| 3 | What is the significance level? |  |
| 4 | Is it one or two tailed? |  |
| 5 | What is the probability of this occurring randomly? |  |
| 6 | Is this probability less than or greater than the significance level? |  |
| 7 | Accept or reject the null hypothesis? |  |
| 8 | Conclude and clarify in context |  |