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| **Match each box plot to a histogram.**  **What would the cumulative frequency graph look like for each one?** | | **The table shows the distribution of heights of a group of 10 year old girls.**  **Estimate the mean height of these girls.**  **Draw a histogram for the data.** |
| **A packet contains 4 Spanish stamps, 10 French Stamps and 6 German stamps.**  **Two stamps are removed at random without replacement.**  **Calculate the probability that both stamps will be from the same country.** | The table shows the number of families staying in the holiday park during the summer of 2013. The manager wants to collect a stratified sample of **60 families** to survey. How many families should he survey that:   1. **stayed in an Economy home on the beach** 2. **stayed in a Luxury home** | |
| The histogram represents the birth masses of **500 mice**.  Work out an estimate of the number of mice with birth masses **below 13 grams**.  Explain why this is an estimate. | | **One ball is taken from the box. It is not replaced and another is taken**  **What is the probability that they have the same colour?** |