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| The heights of 80 plants were measured.    Draw a cumulative frequency graph for the plants and estimate how many plants were taller than 35cm. | The box plot below represents the life of 30 Regular electric light bulbs tested by the Shiny Electric Light Company.    Draw the boxplot for **Superbulbs**  Shortest life *350 hours* Longest life *950 hours*  Lower quartile *650 hours* Upper quartile *770 hours*  Median life *740 hours*  **Compare the two companies together.** | **The Amazon customer ratings for the PS4 and Xbox One are shown above. Which is more popular?** |
| Work out the inter-quartile range for the heights of the plants. | **The probability of winning a game is 0.8 Kaneez plays the game 250 times.**  **How many times would you expect her to lose?** | **One ball is taken at random from each box. Work out the probability that they are the same colour.** |
| Nafisa wants to know how much people spend on their lunch. She uses this question in her questionnaire:    Write down **two** things wrong with the question.  Write a better question including response boxes. | **A bag contains red, blue and green balls in the ratio 2:3:4. A ball is taken at random. Work out the probability of the ball not being green.** | Two surveys were made of the ages of patients in 2 hospitals, A&B.  Compare the boxplots. |