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| **Statistics and Probability Revision** | | | | **5** |
| **(a)** | | **(b)** | | |
| When a drawing pin is thrown, it can land point up or point down. The probability that the drawing pin lands point up is 0.7. Maya throws the drawing pin twice. | | The table gives information about the birth weights of 80 piglets.  (i) Complete a cumulative frequency graph. | | |
| |  |  | | --- | --- | | Weight (kg) | Cumulative frequency | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | | Chart, bar chart  Description automatically generated | |
| (i) Complete the tree diagram. | (ii) Work out the probability that the drawing pin lands point up both times.  (iii) Work out the probability that the drawing pin lands point up exactly once. |
| (ii) Use the graph to estimate the median and interquartile range of the weights of the piglets. | | |
| **(c)** | | **(d)** | | |
| Here is a list of ages of the fifteen students in a school library on a Monday lunchtime.  (i) Find the median age.  (ii) Find the interquartile range of the ages. | | Complete the histogram for the information in the table. | | |
| |  |  | | --- | --- | | Height (cm) | Frequency | |  |  | |  |  | |  |  | |  |  | |  |  | | Chart  Description automatically generated | |