**Challenge Question**

LO: To be able to complete Two Way tables using information given and find probabilities from them.

100 secondary school pupils were surveyed to find out whether they prefer football or rugby. The results have been lost. Copy and use the information below to fill in the two way table.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Football | Rugby | **Total** |
| 11-14 years old |  |  |  |
| 15-18 years old |  |  |  |
| **Total** |  |  |  |

The probability that an 11-14 year old prefers football is 34/45.

The probability that a 15-18 year old prefers rugby is 21/55.

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