

Solutions

2.1 6 choices for the first and 6 for the second: 36.

2.2 List (1,6) through (6,1).

2.3 3 favourable outcomes out of 12.

3.1 False. Total 2 has one ordered outcome (1,1), while total 7 has six. Their probabilities are $1/36$ and $6/36$.

Local review guidance: show the chosen method; give the checked result; explain the condition or failed shortcut. This is authored classroom guidance.