

1.1 Theoretical Probability, Sample Space, Tree Diagrams - Answers

Answers to the Tricky Questions

- 10 {AKN, ANK, KAN, KNA, NAK, NKA} **a** $\frac{1}{3}$ **b** $\frac{1}{3}$ **c** $\frac{1}{3}$ **d** $\frac{2}{3}$
- 11 a {ABCD, ABDC, ACBD, ACDB, ADBC, ADCB, BACD, BADC, BCAD, BCDA, BDAC, BDCA, CABD, CADB, CBAD, CBDA, CDAB, CDBA, DABC, DACB, DBAC, DBCA, DCAB, DCBA}
 - **b** i $\frac{1}{2}$ ii $\frac{1}{2}$ iii $\frac{1}{2}$ iv $\frac{1}{2}$