Practice worksheet | Probability

Outcomes and sample spaces

Name: _____ Date: _____

6 questions | 12 marks

1. List the sample space for one ordinary six-sided die roll. [2 marks]

2. One card is selected from cards labelled M, A, T, H and S. List the sample space. [2 marks]

3. For a die roll, list the outcomes in the event “prime number”. [2 marks]

4. For a die roll, list the outcomes “less than 4”. [2 marks]

5. Is “roll an 8” impossible, possible or certain on an ordinary die? Explain. [2 marks]

6. A die is rolled. Is the event “less than 7” certain? Explain. [2 marks]