Practice worksheet | Probability

Theoretical probability

Name: _____ Date: _____

6 questions | 13 marks

1. A fair die is rolled. Find the probability of a 5. [2 marks]

2. A fair die is rolled. Find the probability of an odd number. [2 marks]

3. A card is selected at random from cards numbered 1 to 10. Find the probability of a factor of 10. [2 marks]

4. A counter is chosen at random from a bag with 7 white and 3 black equal-size counters. Give the chance of black as a fraction, decimal and percentage. [2 marks]

5. A fair die is rolled. Find the chance of a number less than 1 and the chance of a number at most 6. [2 marks]

6. Which is greater: the chance of blue when a counter is chosen at random from 3 blue and 5 red equal-size counters, or an even result on a fair die? [3 marks]