Practice worksheet | Probability

Probabilities of combined outcomes

Name: _____ Date: _____

6 questions | 14 marks

1. A fair coin and standard die are independent. Find P(head and die greater than 4). [2 marks]

2. A bag has 2 red and 3 blue tokens. Draw at random and replace the token before a second random draw. Find P(two red). [2 marks]

3. Find P(two heads or two tails) for two independent fair coins. [2 marks]

4. Two independent fair spinners each show 1,2,3. Find P(sum 4). [3 marks]

5. Find P(even or greater than 4) for a fair standard die. [2 marks]

6. A bag has B1, B2 and G. Draw two tokens at random without replacement. Find P(both blue). [3 marks]