Practice worksheet | Probability

Compound events

Name: _____ Date: _____

6 questions | 15 marks

1. List the complete outcomes for two coin tosses. [2 marks]

2. Two fair coins are tossed. Find $P(\text{exactly one head})$. [2 marks]

3. A fair six-sided die is rolled. Find $P(\text{odd or prime})$. [2 marks]

4. Two fair dice are rolled. Find $P(\text{sum } 7)$. [3 marks]

5. Find $P(\text{at least one } 6)$ on two fair dice. [3 marks]

6. A fair coin is tossed independently of a fair six-sided die roll. Find $P(\text{head or die shows } 6)$. [3 marks]