Name _____



Double Chance

Directions: Find the probability that both independent events happen. Write each answer as a fraction in simplest form.

1. At a game booth, Mia flips a fair coin and rolls a standard number cube. She wins if she gets heads and rolls a 4. What is the probability that she wins? _____

2. Leo spins two fair spinners. Spinner A has 4 equal sections, with 1 red section. Spinner B has 3 equal sections, with 2 star sections. What is the probability of landing on red and then a star? _____

3. Ava rolls a standard number cube twice. She needs an even number on the first roll and a number greater than 4 on the second roll. What is the probability of both happening? _____

4. Noah draws one counter from each of two bags. Bag A has 3 blue and 2 green counters. Bag B has 4 yellow and 4 purple counters. What is the probability of drawing blue from Bag A and purple from Bag B? _____

5. Ella spins a fair spinner with 5 equal sections numbered 1 through 5, then flips a fair coin. She wins if she spins a number less than 3 and gets tails. What is the probability that she wins? _____

6. Liam draws a card from a set numbered 1 through 4, replaces it, and draws again. What is the probability that he draws an odd number both times? _____

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