Name _____

Outcome Organizer Answer Key

1. HH, HT, TH, TT. Total: 4.
2. 1H, 1T, 2H, 2T, 3H, 3T. Total: 6.
3. Red-A, Red-B, Blue-A, Blue-B. Total: 4.
4. Black-blue, Black-gray, Black-tan, White-blue, White-gray, White-tan. Total: 6.
5. 1X, 1Y, 2X, 2Y, 3X, 3Y. Total: 6.
6. Apple-water, Apple-milk, Apple-juice, Crackers-water, Crackers-milk, Crackers-juice. Total: 6.

Teacher's Guide

- Quick implementation: Model how to pair each outcome from the first choice with every outcome from the second choice. Emphasize organized lists so no outcomes are skipped or repeated.
- Differentiation: Provide the first one or two outcomes for students who need support, then have them complete each list.
- Engagement: Let students use coins, simple spinners, or classroom objects to act out one experiment and compare the results with its complete sample space.
- Extension: Have students add one new option to an experiment, predict the new number of possible outcomes, and then verify it with an organized list.

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