Name _____

Probability Puzzle Hunt Answer Key

1. 6 red counters
2. 12 sections
3. 9 silver tokens
4. 9 star cards
5. 15 losing tickets
6. 6 green sections
7. 4 orange beads
8. 6 prize cards

Teacher's Guide

- Quick implementation: Review the relationship probability = favorable outcomes / total outcomes before students begin.
- Differentiation: Have students write an equivalent fraction using the known total or favorable outcomes.
- Differentiation: For extra support, provide a blank fraction for students to fill with the known and missing values.
- Engagement: Ask students to identify whether each mystery asks for favorable outcomes, total outcomes, or non-favorable outcomes before solving.
- Extension: Have students create two reverse probability problems, one with a missing total and one with a missing favorable outcome.

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