Name _____

Bag Chance Challenge Answer Key

1. 4/15
2. 1/3
3. 5/12
4. 2/5
5. 5/9
6. 7/15
7. 9/14
8. 1/5

Teacher's Guide

- Quick implementation: Have students identify the total number of objects and the number of favorable objects before forming each fraction.
- Differentiation: Let students list the favorable numbered cards for problems involving multiples, even numbers, or divisibility.
- Differentiation: Ask students who need support to use physical counters or number cards to model each bag.
- Engagement: Place colored counters in a real bag and let students test one of the probabilities through repeated draws with replacement.
- Extension: Have students create a mystery bag with at least three types of objects and write two probability questions about it.

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