Name _____

Double Chance Answer Key

1. 1/12
2. 1/6
3. 1/6
4. 3/10
5. 1/5
6. 1/4

Teacher's Guide

- Quick implementation: Review that for independent events, students can multiply the probability of the first event by the probability of the second event.
- Differentiation: Have students write the probability of each stage separately before multiplying.
- Differentiation: For extra support, let students make an organized list of all possible outcome pairs for selected problems.
- Engagement: Use coins, number cubes, cards, or counters to model one of the two-stage situations.
- Extension: Have students create a two-stage game with a winning probability less than 1/4 and explain how they calculated it.

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