Name _____

# Cube Chance Quest Answer Key

1. 1/6
2. 1/2
3. 1/2
4. 1/3
5. 1/3
6. 2/3
7. 5/6
8. 1/3
9. 1/3
10. 1/3

## Teacher's Guide

- Quick implementation: Review the six equally likely outcomes, 1, 2, 3, 4, 5, and 6, before students begin.
- Differentiation: Let students write all six outcomes and circle the favorable outcomes for each problem.
- Differentiation: For extra support, provide a physical number cube so students can identify odd, even, greater than, and less than outcomes.
- Engagement: Have students roll a number cube to test selected probabilities after solving them.
- Extension: Ask students to write three new number cube events with probabilities of 1/6, 1/2, and 2/3.

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