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✨ Grade 8 Maths — Theoretical Probability ✨

Name: Demo **Date:** 26/11/2026

1. A bag contains 4 red, 5 blue, 7 green marbles. What is the probability of picking a green marble, as a fraction in simplest form?

2. A bag contains 6 red, 6 blue, 8 green marbles. What is the probability of picking a red marble, as a fraction in simplest form?

3. A bag contains 8 red, 3 blue, 4 green marbles. What is the probability of picking a blue marble, as a fraction in simplest form?

4. A bag contains 2 red, 6 blue, 5 green marbles. What is the probability of picking a blue marble, as a fraction in simplest form?

5. A bag contains 5 red, 5 blue, 2 green marbles. What is the probability of picking a blue marble, as a fraction in simplest form?

6. A bag contains 6 red, 3 blue, 6 green marbles. What is the probability of picking a blue marble, as a fraction in simplest form?

7. A bag contains 7 red, 3 blue, 2 green marbles. What is the probability of picking a blue marble, as a fraction in simplest form?

8. A bag contains 7 red, 3 blue, 8 green marbles. What is the probability of picking a blue marble, as a fraction in simplest form?

9. A bag contains 6 red, 5 blue, 2 green marbles. What is the probability of picking a blue marble, as a fraction in simplest form?

10. A bag contains 4 red, 4 blue, 5 green marbles. What is the probability of picking a blue marble, as a fraction in simplest form?