ZiloAcademy

✨ Grade 10 Maths — Probability & Complements ✨

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

1. A card is drawn from a standard 52-card deck. Find P(not a spade) as a fraction in simplest form.

2. A bag has 3 red, 4 blue and 8 green marbles. One is chosen at random. Find P(not red) as a fraction in simplest form.

3. A card is drawn from a standard 52-card deck. Find P(a 10 or a face card) as a fraction in simplest form.

4. A bag has 2 red, 5 blue and 3 green marbles. One is chosen at random. Find P(not red) as a fraction in simplest form.

5. A card is drawn from a standard 52-card deck. Find P(not a black card) as a fraction in simplest form.

6. A bag has 8 red, 3 blue and 2 green marbles. One is chosen at random. Find P(not red) as a fraction in simplest form.

7. A bag has 6 red, 6 blue and 4 green marbles. One is chosen at random. Find P(red) as a fraction in simplest form.

8. A card is drawn from a standard 52-card deck. Find P(a red king) as a fraction in simplest form.

9. Two fair dice are rolled. Find P(the total is 9) as a fraction in simplest form.

10. A bag has 6 red, 4 blue and 7 green marbles. One is chosen at random. Find P(not red) as a fraction in simplest form.