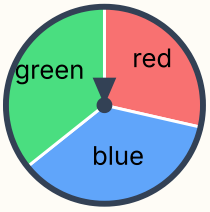
ZiloAcademy

✨ Grade 7 Maths — Probability ✨

Name: Demo Grade 7 **Date:** 26/11/2026

1



A spinner has 14 equally likely outcomes. 4 of them are red. What is the probability of red, as a fraction in simplest form?

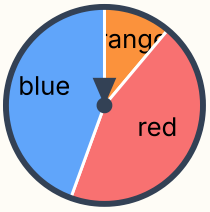
2

A bag of marbles has 10 equally likely outcomes. 9 of them are red. What is the probability of red, as a fraction in simplest form?

3

A raffle box has 10 equally likely outcomes. 2 of them are yellow. What is the probability of yellow, as a fraction in simplest form?

4



A spinner has 9 equally likely outcomes. 1 of them are orange. What is the probability of orange, as a fraction in simplest form?

5. Container A: 6 favourable out of 8. Container B: 2 favourable out of 15. Which container gives the higher probability of a favourable outcome?

6. Container A: 10 favourable out of 14. Container B: 2 favourable out of 11. Which container gives the higher probability of a favourable outcome?

7. Container A: 8 favourable out of 10. Container B: 6 favourable out of 8. Which container gives the higher probability of a favourable outcome?

8. A deck of cards has 13 equally likely outcomes. 12 of them are blue. What is the probability of blue, as a fraction in simplest form?

9. The probability of an event happening is 6/10. What is the probability it does NOT happen?

10. A raffle box has 8 equally likely outcomes, 2 of them favourable. Write the probability as a decimal: