ZiloAcademy

✨ Grade 7 Maths — Probability Scale ✨

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

1. Three events have probabilities 0.2, 0.5, 0.8. Which probability shows the most likely event?

2. Which is more likely: getting tails twice in a row on two coin flips (probability ≈ **0.25**), or picking a red card from a full deck (probability ≈ **0.5**)?

3. On a probability scale from 0 to 1, what word describes a probability of 0.25, and what word describes a probability of 0? (Separate your two answers with a comma.)

4. Which is more likely: rolling doubles on two standard dice (probability ≈ **0.17**), or rolling a **7** on a standard dice (probability ≈ **0**)?

5. Three events have probabilities 0, 0.2, 1. Which probability shows the most likely event?

6. On a probability scale from 0 to 1, what word describes a probability of 1, and what word describes a probability of 0.5? (Separate your two answers with a comma.)

7. On a probability scale from 0 to 1, what word describes a probability of 0.95?

8. Three events have probabilities 0, 0.2, 0.5. Which probability shows the most likely event?

9. Three events have probabilities 0.2, 0.8, 1. Which probability shows the most likely event?

10. Which is more likely: winning a raffle with **1** ticket out of **100** (probability ≈ **0.01**), or a randomly selected month of the year having exactly **30** days (probability ≈ **0.33**)?