ZiloAcademy

✨ Grade 5 Maths — Probability ✨

Name: Demo Grade 5 **Date:** 26/11/2026

1. A deck of cards has 8 equally likely outcomes. 5 of them are purple. What is the probability of purple, as a percentage (to the nearest whole number)?

2. The probability of rain tomorrow is 17/20. What is the probability it does NOT rain?

3. The probability of rain tomorrow is 1/5. What is the probability it does NOT rain?

4. A deck of cards has 9 equally likely outcomes. 3 of them are blue. What is the probability of blue, as a fraction in simplest form?

5. A deck of cards has 11 equally likely outcomes. 6 of them are orange. What is the probability of orange, as a percentage (to the nearest whole number)?

6. Spinner A has 15 equal sections, 14 of them blue. Spinner B has 10 equal sections, 9 of them blue. Which spinner is more likely to land on blue?

7. A deck of cards has 9 equally likely outcomes. 8 of them are orange. What is the probability of orange, as a percentage (to the nearest whole number)?

8. Is this certain, likely, unlikely, or impossible: The temperature will change at some point today?

9. Is this certain, likely, unlikely, or impossible: A dropped egg will land unbroken from a great height?

10. Is this certain, likely, unlikely, or impossible: A newborn baby will be born on some day of the week?