

Sample Spaces and Probability: Apply and Create



Use the matching sheet ID when checking answers.

Use what you learned to explain, construct or apply an idea.

1. In 40 spins, about how many A results would the model predict?

Answer: 10

2. Does probability $\frac{1}{4}$ guarantee exactly one A in four spins?

Look for:

- Distinguishes expected behavior from guaranteed outcomes.

One possible response: No. Probability describes chance; actual short runs can vary.

Open responses use criteria and an illustrative response. Other well-supported responses can be acceptable.