

Sample Spaces and Probability



Name: _____ Date: _____

Use the material to work through each task. Show the requested response.

Fair spinner

An invented fair spinner has four equal sectors marked A, B, C and D. Each sector is equally likely.

1. What is the probability of landing on A?

2. What is the probability of landing on A or B?

3. What is the probability of not landing on D?

4. List the outcomes of flipping a fair coin and then spinning A or B.

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

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