

Probability and Data

Probability of Pulling Pairs

You need

- two pairs of cubes in different colors
- paper lunch bag

What is the chance you will pull out two cubes that are the same color?



STEP 1 Pulling Out Two

Pull out two cubes. Are both cubes the same color?
Use a ✓ to record each turn.

Matching Pair	
Yes	No

Will you always pull out a matching pair? Explain. _____

STEP 2 Pulling Out Three

Pull out three cubes. Are two of the cubes the same color? Record each turn.

Matching Pair	
Yes	No

Tell about your results. _____

Why do you think this happens? _____

STEP 3 Pulling Out Four

Pull out four cubes. Will you get a matching pair? Explain.

