Suppose you are playing a simple card game with three special cards:

* A blue card that is blue on both sides,
* A red card that is red on both sides, and
* A mixed card that is blue on one side and red on the other.

All the cards are placed into a hat and one is pulled at random and placed on a table. The side facing up is blue.

*Hint*: use either a simple Monte Carlo simulation in Excel, or build a discrete event simulation to answer the following question:

What are the odds that the other side is also blue?