Day 3: Drawing marbles

Objective
In this challenge, we're reinforcing what we've learned today. In case you've missed them, today's tutorials are on [Conditional Probability](#) and [Combinations and Permutations](#).

Task
A bag contains 3 red marbles and 4 blue marbles. Then, 2 marbles are drawn from the bag, at random, without replacement. If the *first* marble drawn is red, what is the probability that the *second* marble is blue?

- o 1 / 12
- o 7 / 12
- o 1 / 6
- o 2 / 3