



Day 3: Drawing Marbles ☆

Problem

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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?

- ☐ 1 / 12
- ☐ 7 / 12
- ☐ 1 / 6
- ☒ 2 / 3

You have 2 attempts left.

NEED HELP?

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