



Day 3: Drawing Marbles ★

23/27 challenges solved

Points: 23



Problem

Submissions

Editorial

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.