Question: n fair 6-sided dice are simultaneously rolled. The probability that exactly two of them show a number other than 1 is 25/216. Find n.
Correct Answer: n=4

Round 1

Model 1: To solve this problem, we need to find the probability of .., the final answer is: n = 5

Model 2: Here's how to solve the problem step-by-step:1. Probability of a Single Outcome … , Therefore, n = 3.

Model 3: Step 1: Let's denote the event of rolling a number other than 1 on a die as N, …, the number of dice is 4

Round 2

Model 1: n = 5

Model 2: Here's how to solve the problem:1. Probability of a Single Outcome … , Final Answer: n = 5..

Model 3: … It seems there is an inconsistency in the problem or the candidates' answers.