

Math 155 - Day #24: Probability Examples

Example: Suppose that you roll five 6-sided dice. What is the probability that all five dice are 6's?

Example: Suppose that you roll five 6-sided dice. What is the probability that all five dice are the same number?

Example: Suppose that you roll five 6-sided dice. What is the probability of rolling at least one 6?

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Suppose that you have a bin filled with different colored balls. There are 7 red balls, 8 blue balls, and 4 green balls. You draw 2 balls at random.

Example: What is the probability of drawing two red?

Example: What is the probability of drawing one red and one blue?

Example: What is the probability of drawing no green?

Example: What is the probability of drawing at least one green?

Bonus Example: What's the probability you draw two different colors?