Data Analysis and Statistical Inference Dr. Çetinkaya-Rundel Duke University

## In-Video Quiz Questions for Unit 2: Introduction

## (03:41)

- 1. Which of the following events would you be most surprised by?
  - (a) exactly 3 heads in 10 coin flips
  - (b) exactly 3 heads in 100 coin flips
  - (c) exactly 3 heads in 1000 coin flips

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## **Answers:**

1. c

*Explanation:* Given the large number of trials (1000) we would expect the observed number heads to be close to the expected number of heads.