

Name _____

Date _____

Validating Data Generating Processes- Guided Lesson Explanation

Explanation#1a

No, Mary has rolled the dice only three times. This is not large enough number of rolls to make it stand out. If she repeated this hundreds of times and the same result followed, then you would have reason to question the model.

Explanation#1b

Yes, we would question a model where the outcome is much greater than expected over a large number of trials. While you couldn't consider your experiment invalid, it would prompt you to repeat this experiment many more times to prove that the results were valid.

Explanation#2

Yes, models can be generated for all types of probability based scenarios.

